



Product Catalogue 2020/2021

deta

Product Catalogue
2020/2021



"This is a very exciting time for the business, with the integration of the respective brands and our move to a new cutting-edge head office and distribution facility. These milestones provide Deta with a firm foundation for future growth, ensuring we are well positioned to continue offering added value to our customers."

GERRY BARNETT, MANAGING DIRECTOR



UNDER ONE ROOF

Following the integration of Brackenheath, Briticent and SMJ Electrical with the Deta and Deta TTE brands, and the relocation to a new cutting-edge head office and distribution centre, Deta Electrical builds upon its vision to become the supplier of choice within the electrical wholesale market. With an extensive and evolving product portfolio and additional warehouse capacity, Deta Electrical is well positioned to meet the ever-changing needs of the market.

VALUED CUSTOMERS

Providing best-in-class service to its valued customers remains a key priority. With all brands now under one roof, Deta Electrical offers a streamlined customer experience, from customer and technical support to distribution.



deta[^]
Brackenheath

BRITICENT
SITE ELECTRICS

deta tte

smj

A BRAND YOU CAN RELY ON

Quality is at the heart of everything and remains a core value for Deta Electrical; from development, testing and manufacture, to warehousing, logistics and customer service. Continuous investment in innovation and product design, quality assurance and ease of installation remain a key focus in the development of products across all brands.

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deta[▲]

Deta is a market leading manufacturer and distributor of high quality and value for money wiring, lighting and electrical accessories for residential and commercial applications.

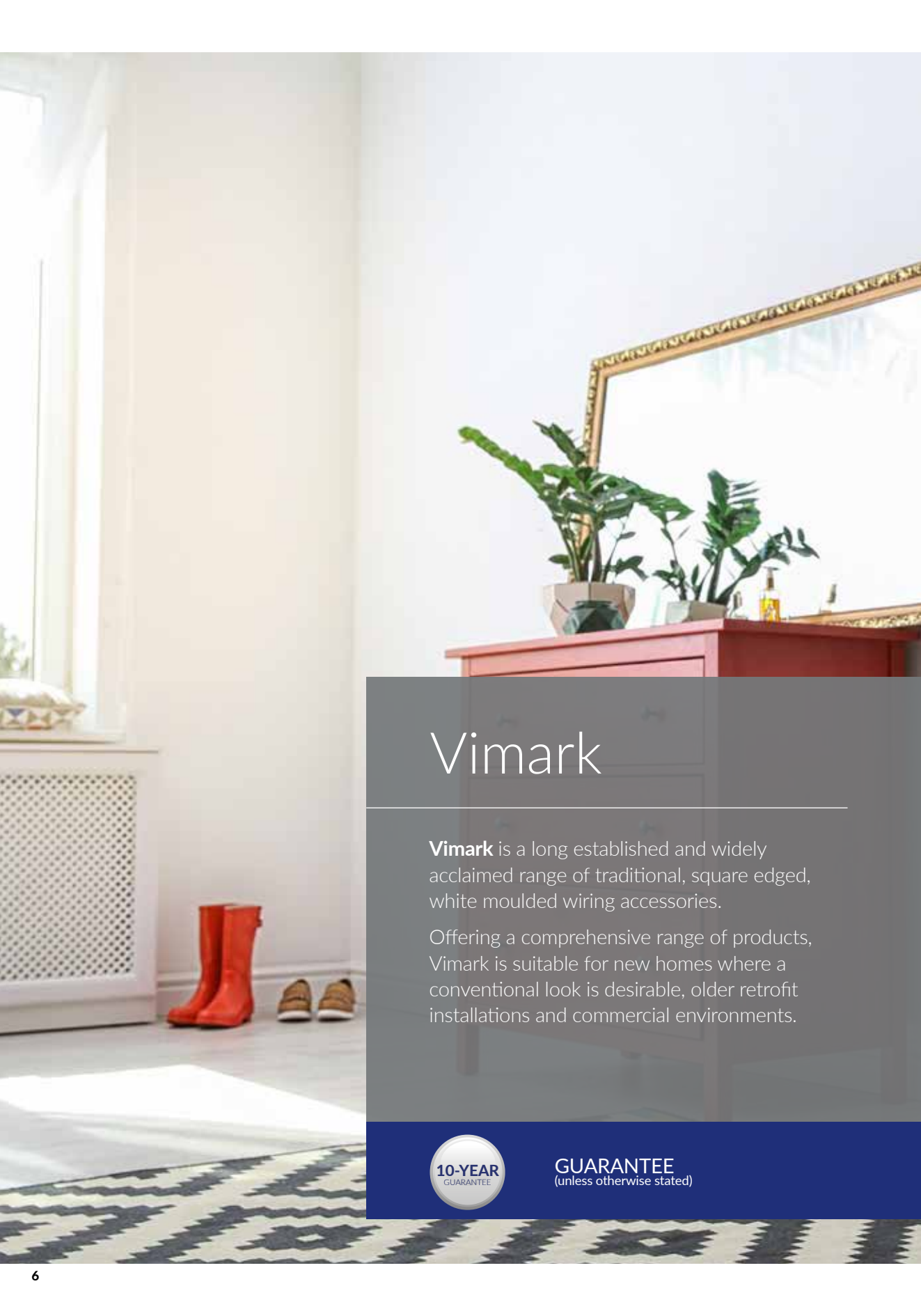
Through its continuous investment in innovation and product design, Deta continues to bring products to market that meet the ever changing needs of its wholesale customers and electrical contractors, and in doing so has established itself as the number one specification of choice for developers and house builders.

Deta products are designed to a high specification, are tested to the relevant British Standards, carry the CE mark where required and are guaranteed for up to 25-years.



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Vimark

Vimark is a long established and widely acclaimed range of traditional, square edged, white moulded wiring accessories.

Offering a comprehensive range of products, Vimark is suitable for new homes where a conventional look is desirable, older retrofit installations and commercial environments.



GUARANTEE
(unless otherwise stated)



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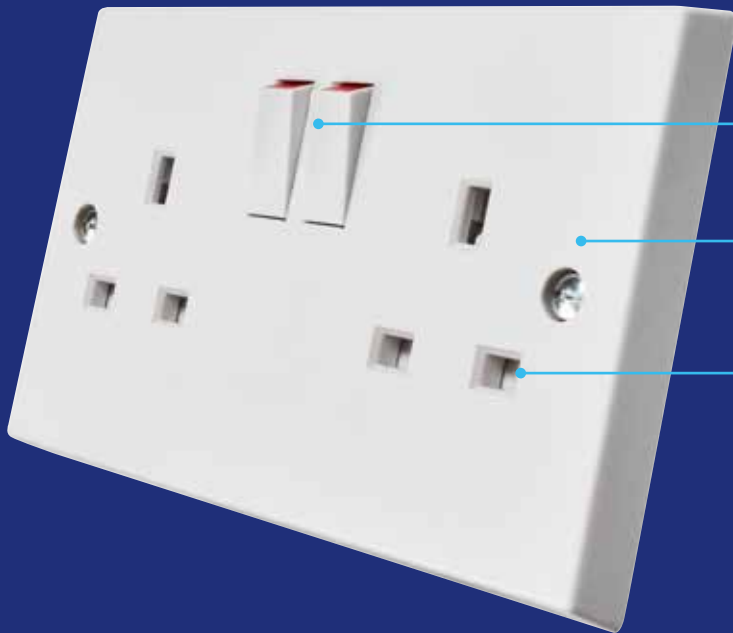
Product Features

- ▲ TRADITIONAL DESIGN
- ▲ PROVEN QUALITY & VALUE
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Vimark is manufactured from heat resistant urea and under strict production control conditions.

Sockets are available with either single or double pole switches. Live and neutral plug pin contacts on sockets are shielded by earth pin operated safety shutters. Fixing screws are attached to the rear of the frontplate for easy access.

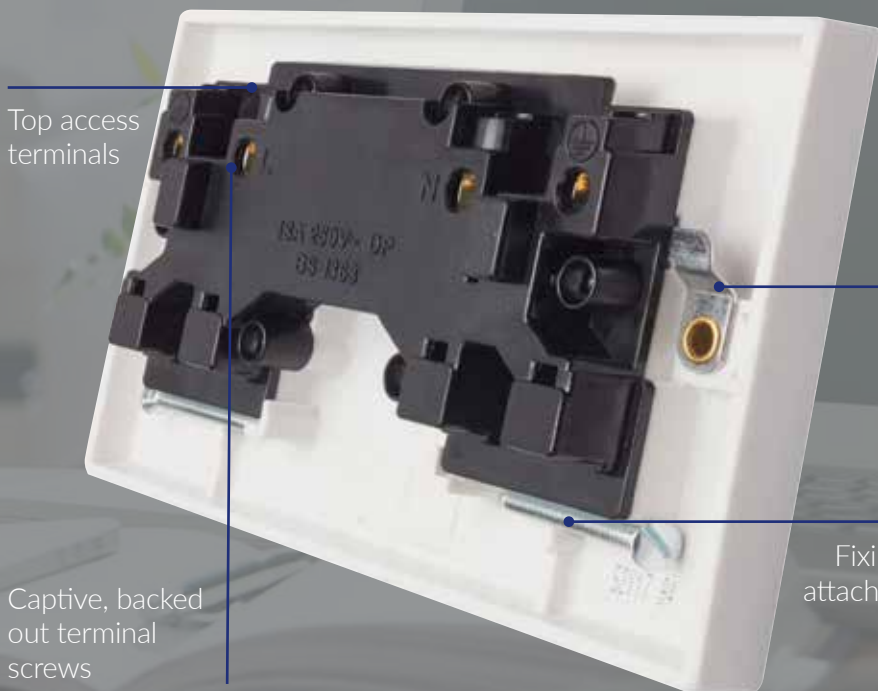
To ensure safe installation, the earth bar on sockets is recessed, preventing accidental contact.



SP and DP switch options

Heat resistant urea frontplate

Earth pin operated shutters



Top access terminals

Captive, backed out terminal screws

Recessed earth bar

Fixing screws attached to rear of plate

Socket Outlets

- Twin earth terminals on 2 gang switched sockets
- Red flagged switch indicator
- In compliance with BS 1363: Part 2

Unswitched - 13 Amp

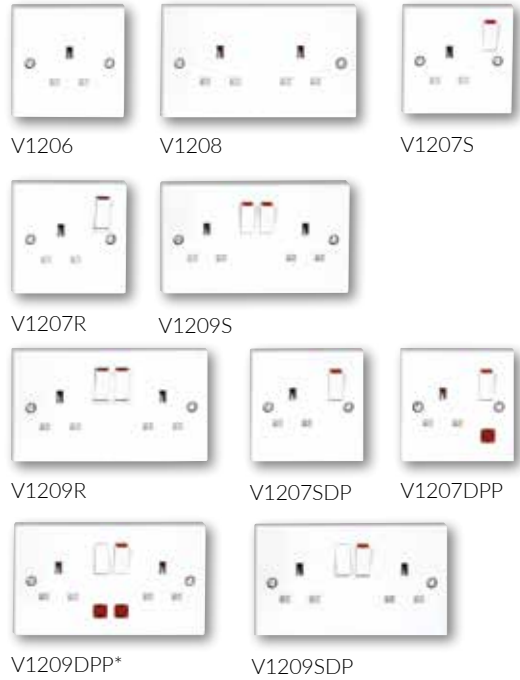
- V1206 1 gang unswitched
- V1208 2 gang unswitched

Single Pole - 13 Amp

- V1207S 1 gang switched
- V1207R 1 gang switched with recessed switch
- V1209S 2 gang switched
- V1209R 2 gang switched with recessed switches

Double Pole - 13 Amp

- V1207SDP 1 gang switched
- V1207DPP* 1 gang switched with neon
- V1209SDP 2 gang switched
- V1209DPP* 2 gang switched with neon



Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

USB Charging Socket Outlets



- USB ports deliver up to 2.4A simultaneous charging current across 2 ports
- In compliance with BS 1363: Part 2

Single Pole 13 Amp + 2.4A USB

- V1398 2 gang switched and 2 USB charging ports



V1398

Back Boxes minimum recommended depth
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

Round Pin Socket Outlets

- Earth pin operated safety shutters
- In compliance with BS 546

Unswitched

- V1330* 2A unswitched
- V1331 5A unswitched
- V1332* 15A unswitched



V1330* V1331 V1332

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

*Special order product, minimum order quantity and lead time applies

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Optional cord outlet (V1247)
- In compliance with BS EN 60669-1

10 Amp

V1202	1 gang 1-way
V1203	1 gang 2-way
V1204	2 gang 2-way
V1205	3 gang 2-way
V1244	4 gang 2-way
V1245	6 gang 2-way
V1246	Intermediate

10 Amp Press

V1249	1 gang 2-way press switch
V1249B*	1 gang 1-way press switch bell symbol

10 Amp 3 Pole Fan Isolator

V1247	3 pole fan isolator
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V1202 V1203 V1204



V1205 V1244



V1245 V1246 V1249



V1249B* V1247

Back Boxes minimum recommended depth
1-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1220E
4-6g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

Architrave Switches

- In compliance with BS EN 60669-1

10 Amp

V1321	1 gang 2-way
V1322*	2 gang 2-way

10 Amp Press

V1323	1 gang 2-way press switch
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Blank

V1326	1 gang
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V1321 V1322 V1323 V1326

Back Boxes minimum recommended depth
1g Flush 27mm DB169 **Surface** 16mm V1324
2g Flush N/A **Surface** 16mm V1325

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Clear terminal markings
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



V1414

V1415

Back Boxes minimum recommended depth

1g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm V1222

Universal

- V1414 1 gang multiway dimming
- V1415 2 gang multiway dimming

Dimmer Knob Spares

- SP0004WH Dimmer knob (pack of 10) - white

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Engraving available to order
- Optional flex outlet on bottom edge
- 2 earth terminals
- In compliance with BS 1363: Part 4

13 Amp Unswitched

- V121013 Unswitched spur
- V1210P1 Unswitched spur with neon

13 Amp Switched

- V1211 Switched spur
- V1212 Switched spur with neon

3 Amp Unswitched

- V121003* Unswitched spur - 3A fuse
- V1210P3 Unswitched spur with neon - 3A fuse



V121013

V1210P1



V1211

V1212



V121003

V1210P3

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

*Special order product, minimum order quantity and lead time applies

20A Double Pole Switches

- Red flagged switch indicator
- Engraving available to order
- Twin brass earth terminals
- In compliance with BS EN 60669-1

20 Amp

V1213	Switch
V1213WH	Switch 'WATER HEATER'
V1214	Switch with neon
V1214WH	Switch with neon 'WATER HEATER'
V1218P	Dual switch with neon



V1213



V1213WH



V1214



V1214WH



V1218P

Back Boxes minimum recommended depth

1g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm V1222

50A Double Pole Switches

- Twin brass earth terminals
- In compliance with BS EN 60669-1

50 Amp

V1300	Switch with red rocker
V1300P	Switch with red rocker and neon

50 Amp Tall

V1301	Tall switch with red rocker
V1301P	Tall switch with red rocker and neon



V1300



V1300P



V1301



V1301P

Back Boxes minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Cooker Control Units

- Neon versions available
- 2 earth terminals
- In compliance with BS 4177

Cooker Control

- V1302** 45A switch with red rocker + 13A switched socket
- V1302P** 45A switch with red rocker + 13A switched socket

Cooker Cable Outlet

- V1217** 45A cooker cable outlet



V1302 V1302P V1217

Back Boxes minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Back Boxes - V1217 minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228

Shaver Socket



- Dual voltage outlet 240V/115V
- Neon indicator
- In compliance with BS 61558-2-5

Shaver Socket

- V1305** Dual voltage with neon



V1305

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- Screw terminals
- OfTel approved to NS/G/23/L/100005
- Surface mounted outlet dimensions 67 x 67mm, with pattress box

Telephone Outlets - Surface Mounted

- V1350** Single master with pattress box
- V1351** Single secondary with pattress box

Telephone Outlets - Flush Mounted

- V1352** Single master
- V1353** Single secondary
- V1354** RJ11



V1350 V1352

V1353 V1354

Back Boxes - minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

TV Outlets



- Suitable for standard co-axial BS 3041 plug

TV Outlets

V1264	Single co-axial isolated
V1265	TV/FM (DAB) diplexer
V1266	TV/F Type
V1268	Single co-axial non-isolated



V1264 V1265
V1266 V1268

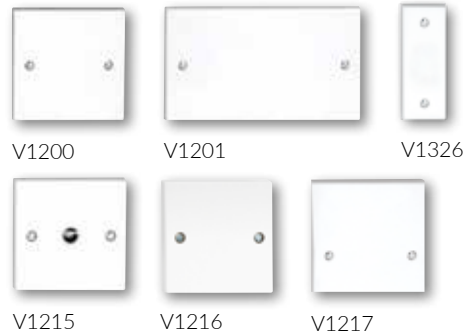
Back Boxes - minimum recommended depth
1g Flush 25mm **DB162** **Dry Lining** 35mm **DB2540** **Surface** 25mm **V1221**

Blank & Flex Connection Plates

- Dual terminals of live, neutral and earth on 20A/25A flex connection plates
- In compliance with BS 5733

Blank Plates

V1200	1 gang
V1201	2 gang
V1326	1 gang - architrave



V1200 V1201 V1326
V1215 V1216 V1217

Flex Connection Plates

V1215	20A flex outlet plate (central cord outlet with optional bottom entry, three pairs of terminals, cord grip)
V1216	25A flex outlet plate (optional bottom entry, three pairs of terminals, cord grip)
V1217	45A cooker cable outlet

Back Boxes minimum recommended depth
1g Flush 25mm **DB162** **Dry Lining** 35mm **DB2540** **Surface** 25mm **V1221**
2g Flush 25mm **DB163** **Dry Lining** 35mm **DB2541** **Surface** 25mm **V1223**

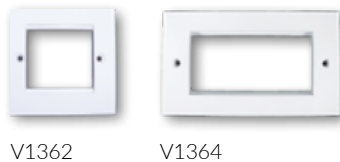
Back Boxes - V1217 minimum recommended depth
1g Flush 47mm **DB167** **Dry Lining** 46mm **DB2542** **Surface** 45mm **V1228**

Data Plates

- Accepts standard 50x25mm modules

Data Plates

V1362	Two Module
V1364	Four Module



V1362 V1364

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm **DB164** **Dry Lining** 35mm **DB2540** **Surface** 33mm **V1222**
2g Flush 35mm **DB165** **Dry Lining** 35mm **DB2541** **Surface** 33mm **V1224**

Full range of Euro Modules, see page 108



Vimark Curve

Vimark Curve is a sleek and contemporary range of white moulded accessories, combining style and simplicity to blend seamlessly into the décor of any domestic or commercial building.

Offering a comprehensive range of accessories, Vimark Curve features a smooth, curved profile frontplate and rocker design on all products.



GUARANTEE
(unless otherwise stated)



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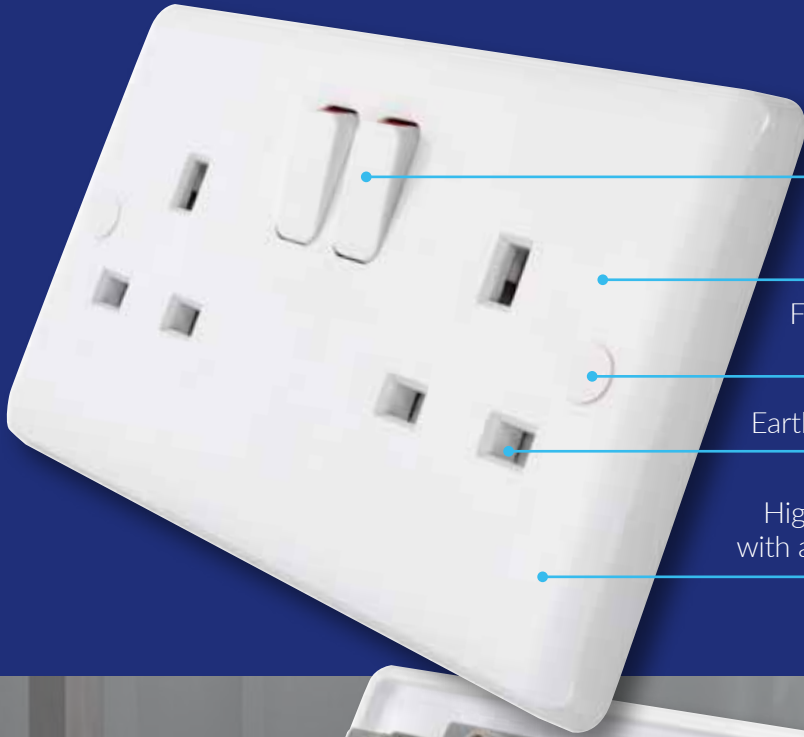
Product Features

- ▲ CONTEMPORARY DESIGN
- ▲ SMOOTH CURVED PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Vimark Curve is designed with the installer in mind. The back of the accessories feature bold terminal markings making it easier to identify the terminals. Terminals on sockets are top facing and have large lead-ins with captive and backed out screws to aid cable installation.

To ensure safe installation, the earth bar on sockets is recessed to prevent accidental contact and all plates incorporate soft edges to avoid damaging cable insulation.

All accessories are supplied with fixing screw caps and neon lenses are discreet to provide for a neat installation.



Curved rockers

High quality heat resistant frontplate

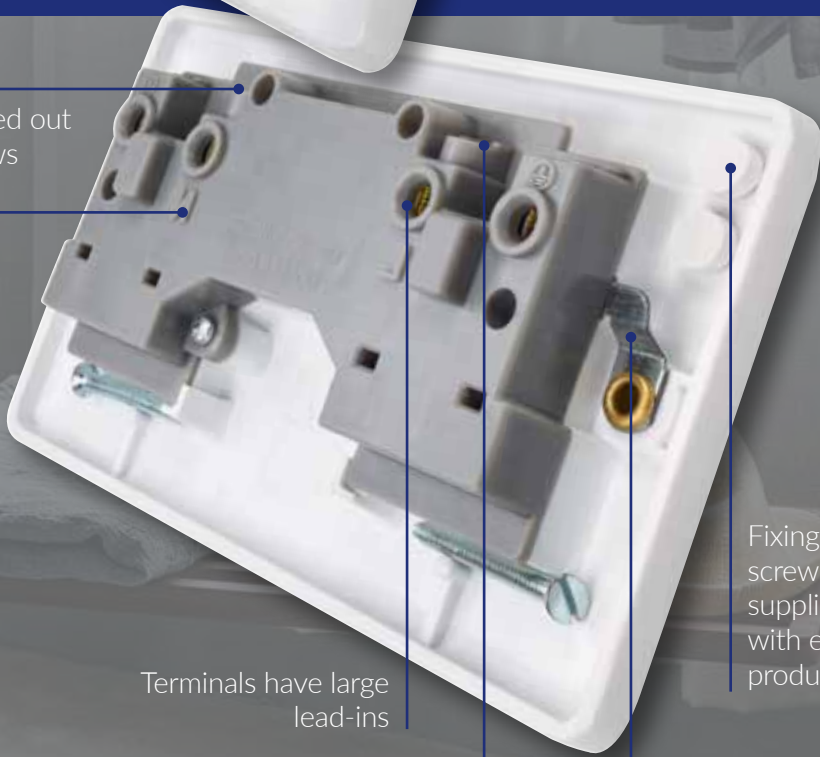
Fixing screw caps colour matched to plate

Earth pin operated shutters

High grade urea frontplate with antimicrobial properties

Captive, backed out terminal screws

Bold terminal markings



Terminals have large lead-ins

Fixing screw caps supplied with every product

Top access terminals

Recessed earth bar

Socket Outlets

- Recessed earth bar
- Captive and backed out terminals
- Single and double pole switched versions
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Unswitched - 13 Amp

- VC1206** 1 gang unswitched
- VC1208** 2 gang unswitched

Single Pole - 13 Amp

- VC1207S** 1 gang switched
- VC1207R*** 1 gang switched with recessed switch
- VC1209S** 2 gang switched
- VC1209R*** 2 gang switched with recessed switches

Double Pole - 13 Amp

- VC1207SDP** 1 gang switched
- VC1207DPP*** 1 gang switched with neon
- VC1209SDP** 2 gang switched
- VC1209DPP*** 2 gang switched with neons



VC1206



VC1208



VC1207S



VC1207R



VC1209



VC1209R



VC1207SDP



VC1207DPP



VC1209SDP



VC1209DPP

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm VC1223

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A +1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363: Part 2

Single Pole 13 Amp + 4.0A USB

- VC1299** 2 gang switched and 3 USB charging ports



VC1299

Back Boxes minimum recommended depth
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 33mm VC1224

*Special order product, minimum order quantity and lead time applies

Round Pin Socket Outlet

- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- In compliance with BS 546



VC1331

Unswitched

VC1331 5A unswitched

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

VC1202 1 gang 1-way
 VC1203 1 gang 2-way
 VC1204 2 gang 2-way
 VC1205 3 gang 2-way
 VC1244 4 gang 2-way
 VC1245 6 gang 2-way
 VC1246 Intermediate



VC1202

VC1203

VC1204

VC1205



VC1244

VC1245

VC1246

10 Amp Press

VC1249 1 gang 2-way press switch
 VC1249B 1 gang 1-way press switch bell symbol



VC1249

VC1249B

VC1247

10 Amp 3 Pole Fan Isolator

VC1247 3 pole fan isolator

Back Boxes minimum recommended depth

1-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm VC1220E
4-6g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm VC1223

Dimmer Switches



- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



VC1414 VC1415

Back Boxes minimum recommended depth
1g-2g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm VC1222

Universal

- VC1414 1 gang multiway dimming
- VC1415 2 gang multiway dimming

Dimmer Knob Spares

- SP0004WH Dimmer knob (pack of 10) - white

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Neon leads enclosed
- 2 earth terminals
- Flex outlet option available
- In compliance with BS 1363:Part 4

13 Amp Unswitched

- VC1360 Unswitched spur
- VC1361 Unswitched spur with neon
- VC1364 Unswitched spur with bottom flex outlet

13 Amp Switched

- VC1370 Switched spur
- VC1371 Switched spur with neon
- VC1374 Switched spur with bottom flex outlet
- VC1375 Switched spur with neon and bottom flex outlet



VC1360 VC1361 VC1364



VC1370 VC1371 VC1374 VC1375

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221

20A Double Pole Switches

- Neon leads enclosed
- 2 earth terminals
- Flex outlet option available
- In compliance with BS EN 60669-1

20 Amp

- VC1390 Switch
- VC1390WH Switch 'WATER HEATER'
- VC1391 Switch with neon
- VC1392 Switch with flex outlet
- VC1392WH Switch with flex outlet 'WATER HEATER'
- VC1393 Switch with neon and flex outlet
- VC1218P Dual switch with neon



VC1390 VC1390WH VC1391 VC1392



VC1392WH VC1393 VC1218P

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221

50A Double Pole Switches

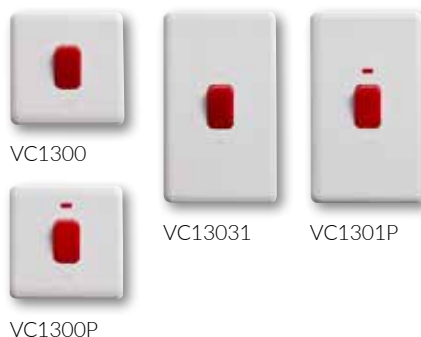
- Neon leads enclosed
- 2 earth terminals
- Flex outlet option available
- In compliance with BS EN 60669-1

50 Amp

- VC1300** Switch with red rocker
VC1300P Switch with red rocker and neon

50 Amp Tall

- VC1301** Tall switch with red rocker
VC1301P Tall switch with red rocker and neon



VC1300

VC13031

VC1301P

VC1300P

Back Boxes minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm VC1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm VC1229

Cooker Control Units

- 2 earth terminals
- In compliance with BS 4177

Cooker Control

- VC1302** 45A switch with red rocker
 + 13A switched socket
VC1302P 45A switch with red rocker and neon
 + 13A switched socket and neon

Cooker Cable Outlet

- VC1217** 45A cooker cable outlet



VC1302

VC1302P

VC1217

Back Boxes minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm VC1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm VC1229

Back Boxes - VC1217 minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm VC1228

Shaver Sockets



- Dual voltage outlet 240V/115V
- Neon indicator
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5

Shaver Socket

- VC1305** Dual voltage with neon



VC1305

Back Boxes minimum recommended depth

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- IDC terminals on UK version
- Screw terminals on RJ11
- OfTel approved to NS/G/23/L/100005

Telephone Outlets

VC1352	Single master
VC1353	Single secondary
VC1354	Single RJ11



VC1352 VC1353 VC1354

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221

TV Outlets



- Suitable for standard co-axial BS 3041 plugs

TV Outlets

VC1264	Single co-axial isolated
VC1265	TV/FM (DAB) diplexer
VC1266	TV/F type
VC1340	TV/FM (DAB) satellite triplexer



VC1264 VC1265 VC1266 VC1340

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221

Blank & Flex Connection Plates

- Dual terminal of live, neutral and earth on 20A and 25A flex connection plates
- In compliance with BS 5733

Blank Plates

VC1200	1 gang
VC1201	2 gang



VC1200 VC1201

Flex Connection Plates

VC1215	20A flex outlet plate (central cord outlet with optional bottom entry, three pairs of terminals, cord grip)
VC1216	25A flex outlet plate (optional bottom entry, three pairs of terminals, cord grip)



VC1215 VC1216

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm VC1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm VC1223

Cooker Cable Outlet

VC1217	45A cooker cable outlet
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Back Boxes - VC1217 minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm VC1228



Data Plates

- Accepts standard 50x25mm modules

Data Plates

VC1421	One module
VC1422	Two module
VC1424	Four module



VC1421

VC1422

VC1424

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm VC1222
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541 **Surface** 33mm VC1224

Full range of Euro Modules, see page 108



Vimark Evo

Vimark Evo is a sophisticated and stylish range of metal plate wiring accessories providing a smart and timeless finish for any domestic or commercial application.

Offering a broad range of accessories, Vimark Evo is available in polished Chrome or brushed Stainless Steel with a choice of White or Black inserts.



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Finishes

Available in the following finishes



Chrome



Stainless Steel



Product Features

- ▲ SMART DESIGN
- ▲ THIN PROFILE PLATE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Vimark Evo is designed with the installer in mind. The back of the accessories feature bold terminal markings, making it easier to identify the terminals. Terminals on sockets are top facing and have large lead-ins with captive and backed out screws to aid cable installation.

To ensure safe installation, the earth bar on sockets is recessed to prevent accidental contact and all plates incorporate soft edges to avoid damaging cable insulation.

All accessories are supplied with a fixed gasket to prevent the frontplates from tarnishing.

FINISH

CH

or

SS

with

INSERTS

B

or

W

CHROME OR STAINLESS STEEL FINISH AVAILABLE WITH EITHER BLACK OR WHITE INSERTS

WHEN ORDERING PRODUCTS, PLEASE INDICATE FINISH AND INSERT PREFERENCE BY ADDING SUFFIXES SHOWN ABOVE

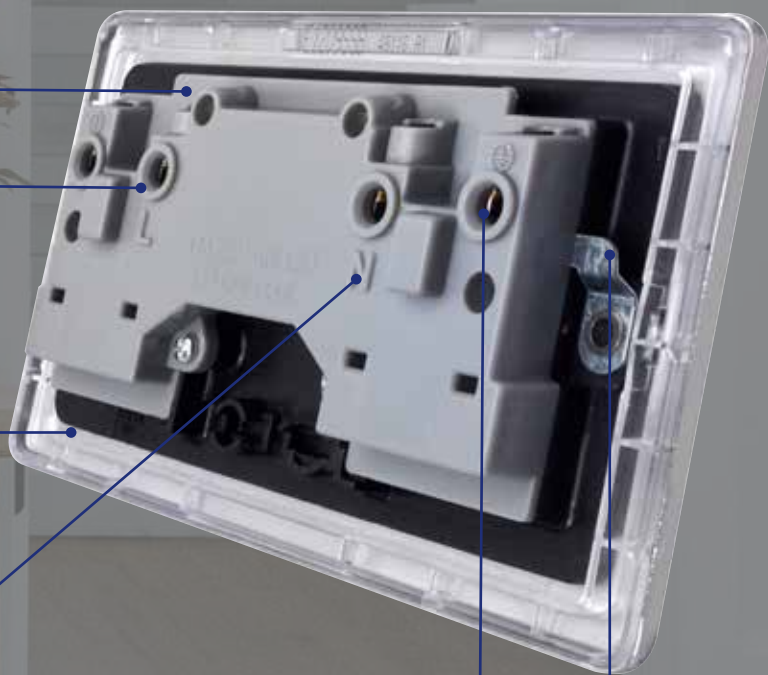
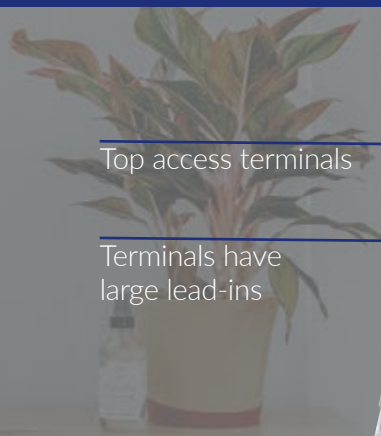


Chrome or stainless steel finish options

Curved rockers

Earth pin operated shutters

Thin profile plate



Top access terminals

Terminals have large lead-ins

Protective gasket

Bold terminal markings

Captive, backed out terminal screws

Recessed earth bar

Socket Outlets

- Recessed earth bar
- Captive and backed out terminals
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Double Pole - 13 Amp

VE1207	1 gang switched
VE1209	2 gang switched



Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363: Part 2

Single Pole - 13 Amp + 4.0A USB

VE1299	2 gang switched and 3 USB charging ports
--------	--



Back Boxes minimum recommended depth
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541

Round Pin Socket Outlets

- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- In compliance with BS 546

Unswitched

VE1331 5A unswitched



VE1331CHW VE1331SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

VE1203 1 gang 2-way
VE1204 2 gang 2-way
VE1205 3 gang 2-way
VE1244 4 gang 2-way
VE1246 Intermediate



VE1203SB VE1204CHW VE1205SSB



VE1244CHW VE1246CHW VE1247CHW

10 Amp 3 Pole Fan Isolator

VE1247 3 pole fan isolator

Back Boxes minimum recommended depth
1-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540
4-6g Flush 25mm DB163 **Dry Lining** 35mm DB2541

Dimmer Switches

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 100W LED, 250W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Clear terminal markings
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



VE1261CH



VE1261SS



VE1262CH



VE1262SS

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

Universal

VE1261 1 gang 2-way switching
VE1262 2 gang 2-way switching

Dimmer Knob Spares

SP0004SS Dimmer knob (pack of 10) - stainless steel
SP0004CH Dimmer knob (pack of 10) - chrome

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS 1363: Part 4



VE1360SSB



VE1361CHW



VE1370SSB



VE1371CHW



VE1373SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540

13 Amp Unswitched

VE1360 Unswitched spur
VE1361 Unswitched spur with neon

13 Amp Switched

VE1370 Switched spur
VE1371 Switched spur with neon
VE1373 Switched spur with bottom flex outlet

20A Double Pole Switches

- Neon leads enclosed
- 2 earth terminals
- Flex outlet option available
- In compliance with BS EN 60669-1

20 Amp

VE1390	Switch
VE1391	Switch with neon



VE1390CHW VE1390SSB



VE1391CHW VE1391SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540

50A Double Pole Switches

- Grey font marking
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp

VE1300	Switch with red rocker
VE1300P	Switch with red rocker and neon



VE1300CHW VE1300PCHW



VE1301SSB VE1301PSSB

Back Boxes minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

50 Amp Tall

VE1301	Tall switch with red rocker
VE1301P	Tall switch with red rocker and neon

Cooker Control Units

- Grey font marking
- Bold terminal markings
- 2 earth terminals
- In compliance with BS 4177

Cooker Control

VE1302P 45A switch with red rocker and neon + 13A switched socket and neon



VE1302PCHW



VE1302PSSB

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Shaver Sockets



- Dual voltage outlet 240V/115V
- Neon indicator
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5

Shaver Socket

VE1305 Dual voltage with neon



VE1305CHW



VE1305SSB

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- Clear terminal markings
- IDC terminals on UK version
- OfTel approved to NS/G/23/L/100005

Telephone Outlets

VE1352 Single master
VE1353 Single secondary



VE1352CHW



VE1352SSB



VE1352CHW



VE1353SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

TV Outlets



- Clear terminal markings
- Suitable for standard co-axial BS 3041 plugs

TV Outlets

VE1264	Single co-axial isolated
VE1265	TV/FM (DAB) diplexer
VE1340	TV/FM (DAB) satellite triplexer



VE1264CHW VE1264SSB VE1265CHW



VE1265SSB VE1340CHW VE1340SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

Blank Plates

- In compliance with BS 5733

Blank Plates

VE1200	1 gang
VE1201	2 gang



VE1200CH VE1200SS

VE1201CH VE1201SS

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541

Data Plates

- Accepts standard 50x25mm modules

Data Plates

VE1421	One module
VE1422	Two module
VE1424	Four module

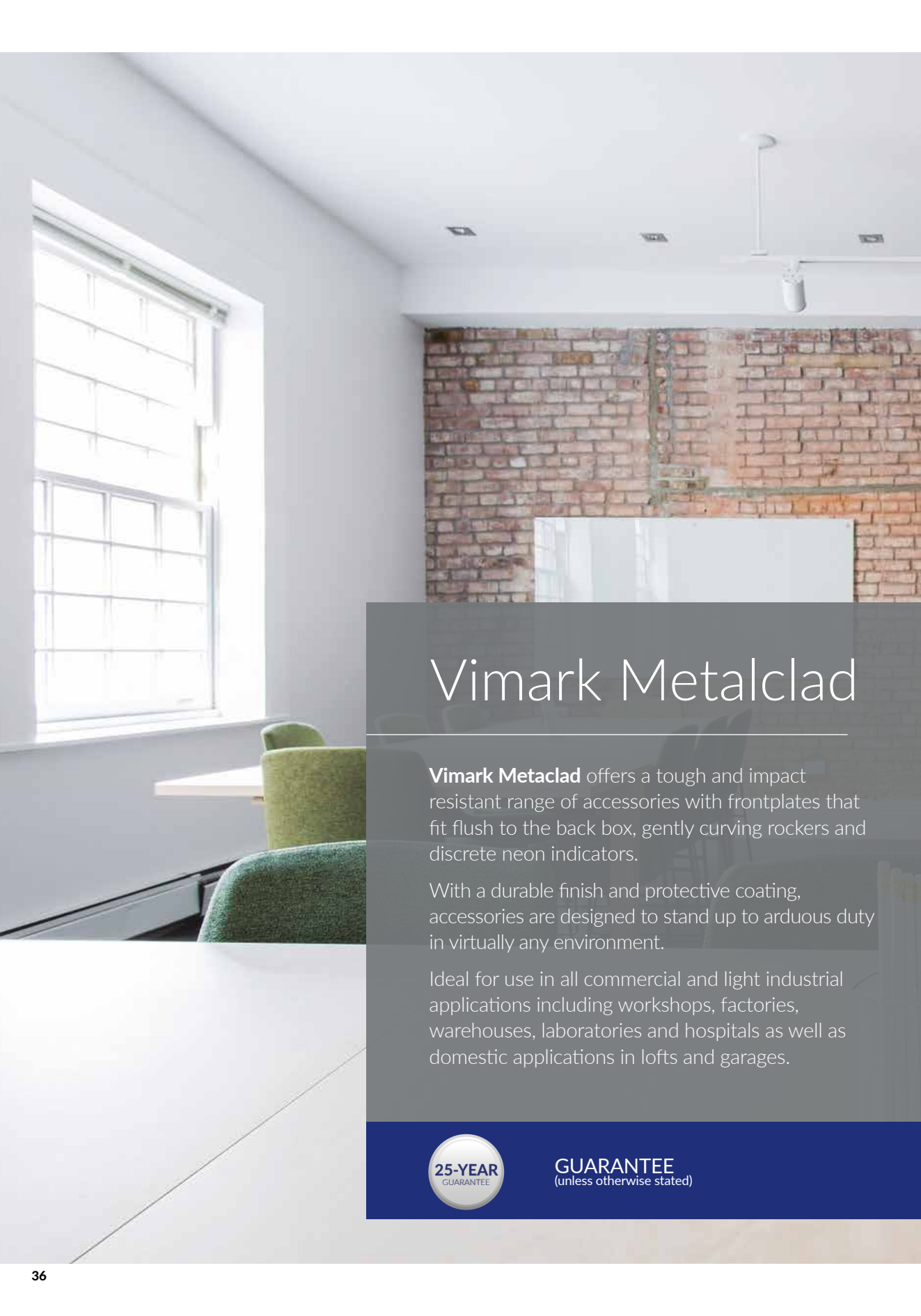


VE1421CHW VE1422SSB

VE1424CHW VE1424SSB

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541

Full range of Euro Modules, see page 108



Vimark Metalclad

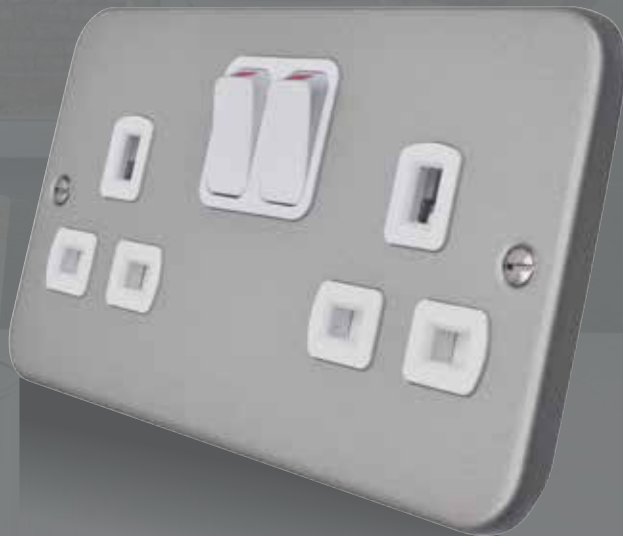
Vimark Metalclad offers a tough and impact resistant range of accessories with frontplates that fit flush to the back box, gently curving rockers and discrete neon indicators.

With a durable finish and protective coating, accessories are designed to stand up to arduous duty in virtually any environment.

Ideal for use in all commercial and light industrial applications including workshops, factories, warehouses, laboratories and hospitals as well as domestic applications in lofts and garages.



GUARANTEE
(unless otherwise stated)



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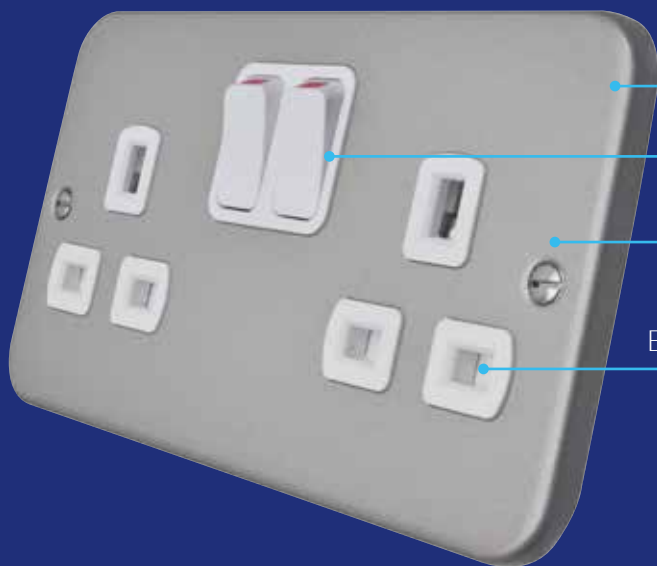
Product Features

- ▲ TOUGH, IMPACT RESISTANT
- ▲ DURABLE FINISH
- ▲ EASY INSTALLATION
- ▲ IDEAL FOR DOMESTIC, COMMERCIAL AND INDUSTRIAL APPLICATIONS

Vimark Metalclad installation could not be simpler with clear markings, large cable lead-ins and captive backed out terminal screws.

Back boxes are supplied with all products (except blank plates) and incorporate 20mm knockouts on all sides and the rear, providing maximum flexibility.

Frontplates are packaged in a separate polybag to provide additional protection prior to second fix.

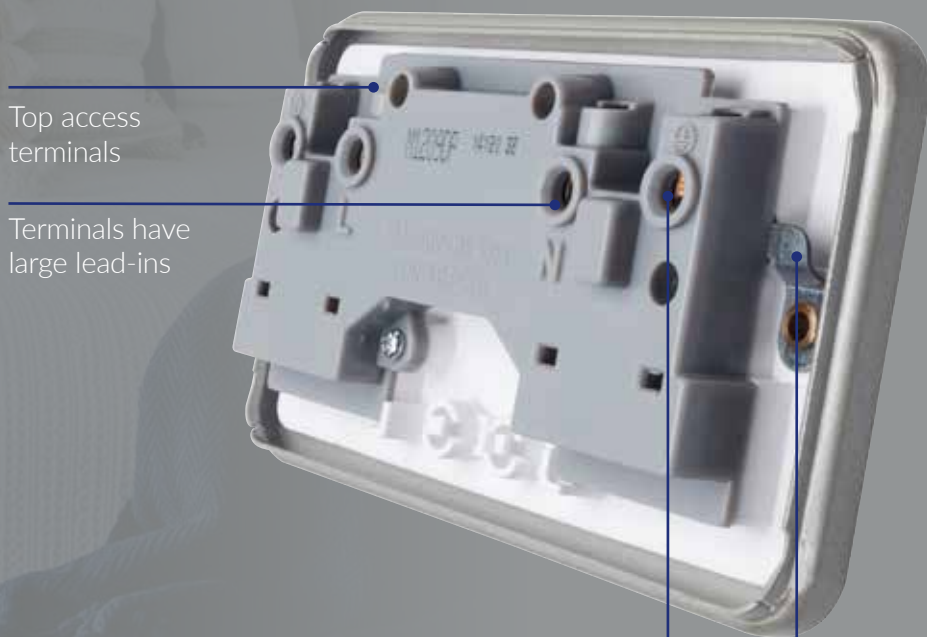


Durable finish with protective coating

Curved rockers

Flush fitting frontplate

Earth pin operated shutters



Top access terminals

Terminals have large lead-ins

Captive, backed out terminal screws

Recessed earth bar

Socket Outlets

- Complete with surface mounting box
- Selected products available with and without side knockouts in mounting box
- Top facing terminal screws
- Captive and backed out terminal screws
- Recessed earth bar

Unswitched - 13 Amp

Back boxes with side knockouts

- M1206** 1 gang unswitched
- M1208** 2 gang unswitched

Double Pole - 13 Amp

Back boxes with side knockouts

- M1207DP** 1 gang switched
- M1209DP** 2 gang switched

Back boxes without side knockouts

- M1307DP*** 1 gang switched
- M1309DP*** 2 gang switched



M1206



M1208



M1207DP



M1209DP

Back Box with Side Knockouts

- 1g Sides 5 Rear 1**
- 2g Sides 8 Rear 1**

Back Box without Side Knockouts

- 1g Sides 0 Rear 1**
- 2g Sides 0 Rear 1**

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- Complete with surface mounting box
- In compliance with BS 1363: Part 2



M1299

Single Pole - 13 Amp + 4.0A USB

Back boxes with side knockouts

- M1299** 2 gang switched and 3 USB charging ports

Back Box with Side Knockouts

- 2g Sides 8 Rear 1**

*Special order product, minimum order quantity and lead time applies

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Complete with surface mounting box
- Selected products available with and without side knockouts in mounting box
- Terminals have large lead-ins
- Captive and backed out terminal screws
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

Back boxes with side knockouts

M1203	1 gang 2-way
M1204	2 gang 2-way
M1205	3 gang 2-way

Back boxes without side knockouts

M1303*	1 gang 2-way
M1304*	2 gang 2-way
M1305*	3 gang 2-way



M1203

M1204

M1205

Back Box with Side Knockouts

1g	Sides 5	Rear 1
2g	Sides 8	Rear 1

Back Box without Side Knockouts

1g	Sides 0	Rear 1
2g	Sides 0	Rear 1

Connection Units

- Complete with surface mounting box
- Selected products available with and without side knockouts in mounting box
- Lockable, captive fuse carrier for safety isolation
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS 1363: Part 4

13 Amp Unswitched

Back boxes with side knockouts

M1210	Unswitched spur
M1210FL	Unswitched spur with flex outlet
M1217	Unswitched spur with neon

Back boxes without side knockouts

M1310*	Unswitched spur
M1317*	Unswitched spur with neon

13 Amp Switched

Back boxes with side knockouts

M1211	Switched spur
M1211FL	Switched spur with flex outlet
M1212	Switched spur with neon
M1212FL	Switched spur with neon and flex outlet

Back boxes without side knockouts

M1311*	Switched spur
---------------	---------------



M1210

M1210FL

M1217

M1211

M1211FL

M1212

M1212FL

Back Box with Side Knockouts

1g	Sides 5	Rear 1
-----------	----------------	---------------

Back Box without Side Knockouts

1g	Sides 0	Rear 1
-----------	----------------	---------------

20A Double Pole Switches

- Complete with surface mounting box
- Selected product available with and without side knockouts in mounting box
- Red flagged switch indicator
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminal screws
- In compliance with BS EN 60669-1



M1213



M1214



M1214FL

Back Box with Side Knockouts
1g Sides 5 Rear 1

Back Box without Side Knockouts
1g Sides 0 Rear 1

20 Amp

Back boxes with side knockouts

- M1213** Switch
- M1214** Switch with neon
- M1214FL*** Switch with neon and flex outlet

Back boxes without side knockouts

- M1314*** Switch with neon

50A Double Pole Switches

- Complete with surface mounting box
- Red flagged switch indicator
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1



M1300P

Back Box with Side Knockouts
1g Sides 5 Rear 1

Back Box without Side Knockouts
1g Sides 0 Rear 1

50 Amp

Back boxes with side knockouts

- M1300P** Switch with red rocker and neon

Blank Plates

- In compliance with BS 5733



M1200

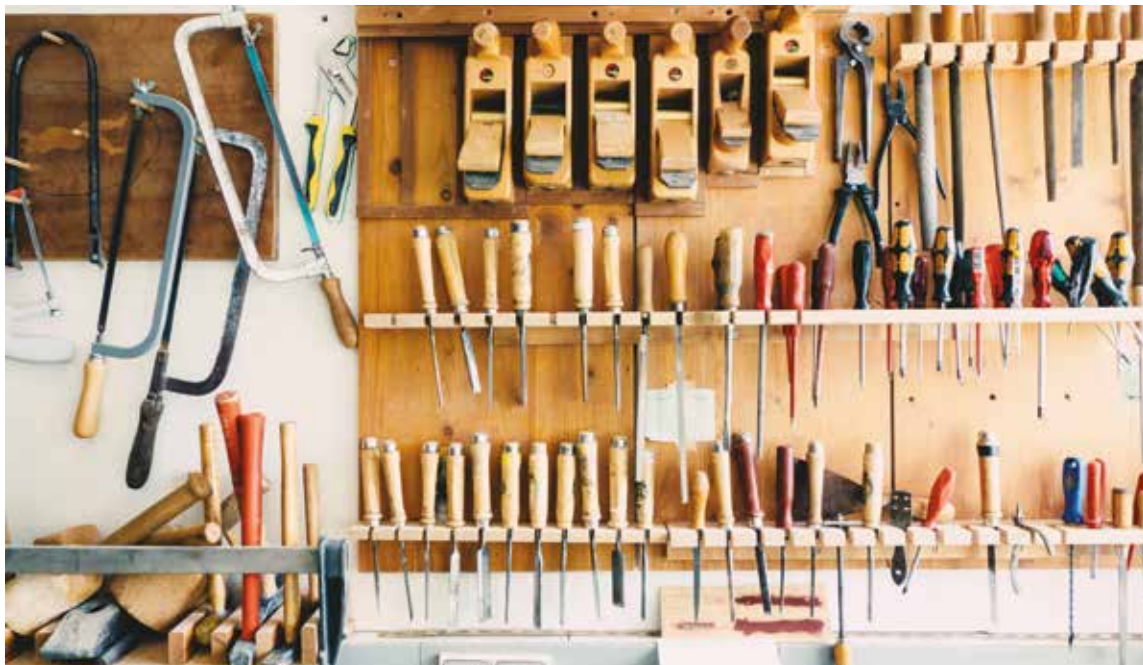


M1201

20 Amp

- M1200** 1 gang
- M1201** 2 gang

*Special order product, minimum order quantity and lead time applies



Back Boxes

- Back boxes with knockouts have 20mm knockouts on side and rear
- Back boxes without knockouts have 1x20mm knockout in rear
- Fitted with brass earth terminals

Back Boxes

Back boxes with side knockouts

- M1228** 1 gang with 6x20mm knockouts
M1229 2 gang with 9x20mm knockouts

Back boxes without side knockouts

- M1228N** 1 gang with no knockouts
M1229N 2 gang with no knockouts



M1228



M1229

Back Box with Side Knockouts

- 1g - Sides 5 Rear 1**
2g - Sides 8 Rear 1

Back Box without Side Knockouts

- 1g - Sides 0 Rear 1**
2g - Sides 0 Rear 1

Data Plates

- Accepts standard 50x25mm modules

Data Plates

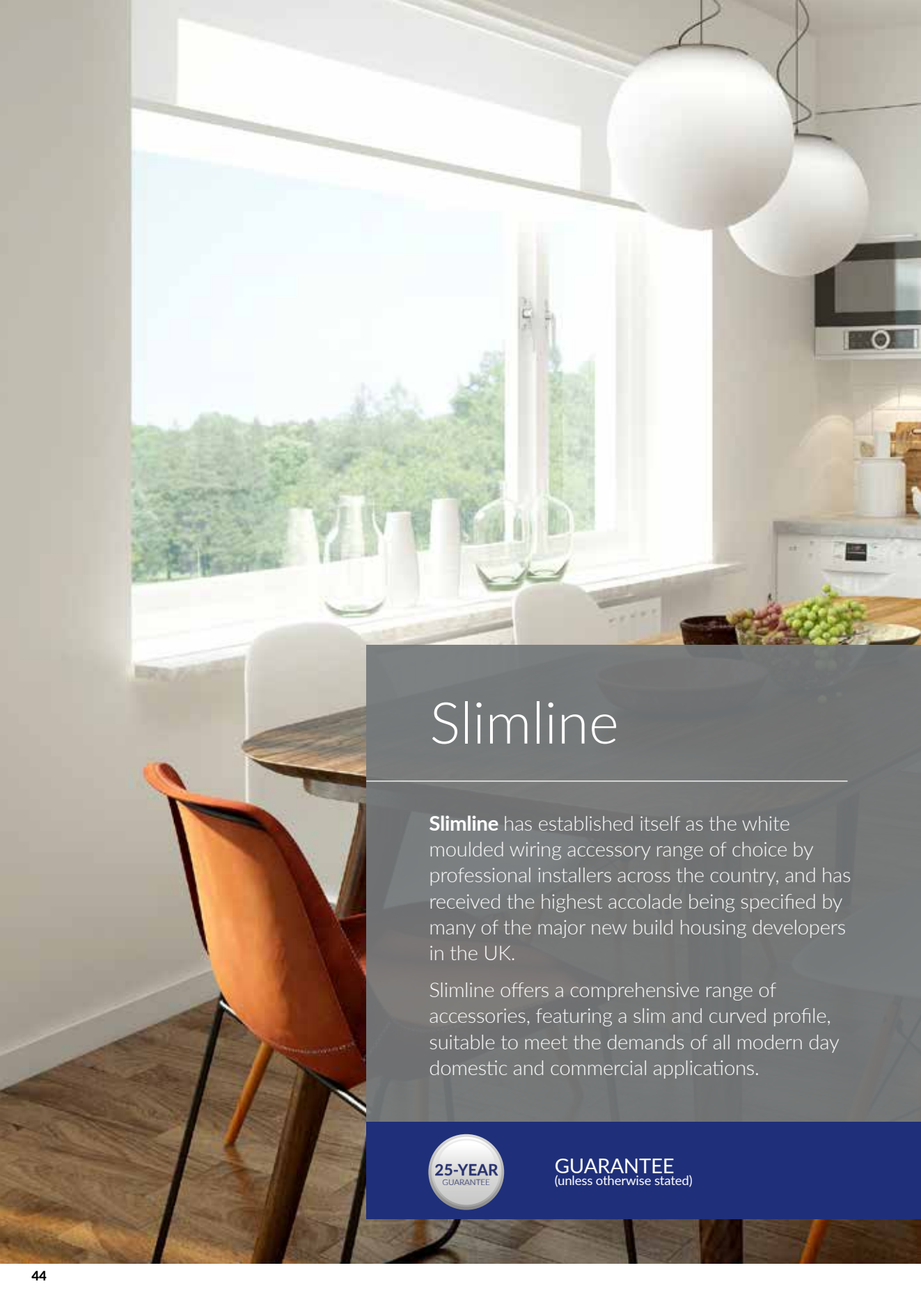
- M1222** Two module



M1222

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 Dry Lining 35mm DB2540

Full range of Euro Modules, see page 108



Slimline

Slimline has established itself as the white moulded wiring accessory range of choice by professional installers across the country, and has received the highest accolade being specified by many of the major new build housing developers in the UK.

Slimline offers a comprehensive range of accessories, featuring a slim and curved profile, suitable to meet the demands of all modern day domestic and commercial applications.



GUARANTEE
(unless otherwise stated)



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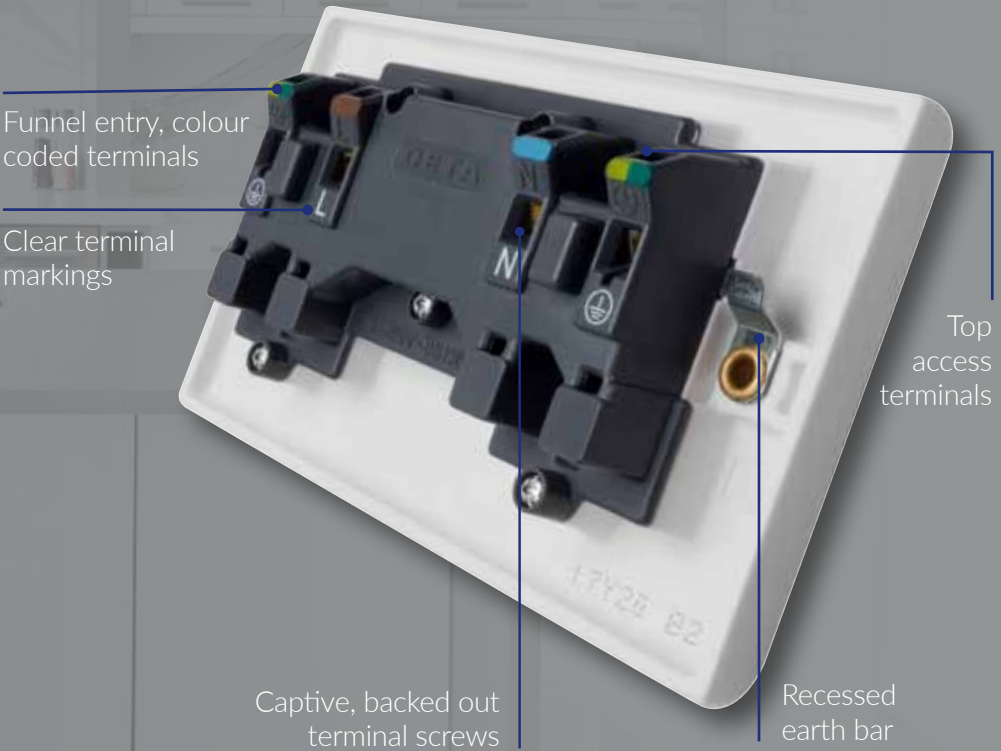
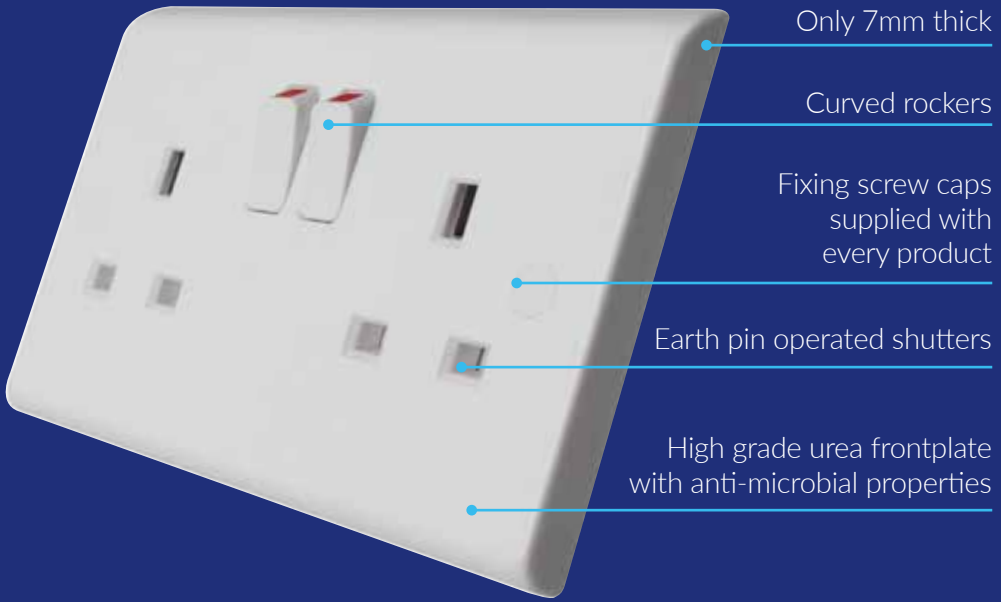
Product Features

- ▲ CONTEMPORARY DESIGN
- ▲ SLIM AND CURVED PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE

Slimline offers a wealth of features to ensure that installation is fast and effortless. Terminals are angled on many products with white terminal markings and colour coded terminal entries, making wiring simpler, particularly in poor lighting.

Captive, backed-out terminal screws also reduce installation time to a minimum.

All Slimline products are manufactured from a resilient high grade urea with anti-microbial properties and are packaged in individual polybags to ensure that products remain clean and undamaged right up until the point of installation.



Socket Outlets

- Top facing terminal screws
- Colour coded terminals
- Recessed earth bar
- Captive and backed out terminals
- Single and double pole switched versions
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Unswitched - 13 Amp

- S1206** 1 gang unswitched
- S1208** 2 gang unswitched

Single Pole - 13 Amp

- S1207S** 1 gang switched
- S1207R*** 1 gang switched recessed
- S1209S** 2 gang switched
- S1209R*** 2 gang switched recessed

Double Pole - 13 Amp

- S1207SDP** 1 gang switched
- S1207DPP** 1 gang switched with neon
- S1209SDP** 2 gang switched
- S1209DPP** 2 gang switched with neon
- S1293** 2 gang outboard switched
- S1296** 2 gang outboard switched clean earth



Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

Essential Supply Socket Outlets

- Colour coded terminals
- Recessed earth bar
- Captive and backed out terminals
- Double pole switched sockets
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- 35mm deep back box required
- In compliance with BS 1363: Part 2

Double Pole - 13 Amp

- S1291** 2 gang switched with red rockers
- S1292** 2 gang switched with red faceplate and rockers
- S1294** 2 gang outboard with red rockers
- S1295** 2 gang outboard with red faceplate and rockers



A range of switched sockets with highly visible red rockers and/or faceplates for use in areas where it is necessary to permanently highlight essential supply circuits, for example in hospitals, laboratories and computer installations.

Back Boxes minimum recommended depth
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

*Special order product, minimum order quantity and lead time applies

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363: Part 2



S1299

Single Pole 13 Amp + 4.0A USB

S1299 2 gang switched and 3 USB charging ports

Back Boxes minimum recommended depth

1g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

Round Pin Socket Outlets

- Top facing terminal screws
- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- In compliance with BS 546

Unswitched

S1330* 1 gang 2A unswitched
S1331* 1 gang 5A unswitched
S1332* 1 gang 15A unswitched

Switched

S1333* 1 gang 5A switched
S1334* 1 gang 15A switched



S1330*

S1331

S1332



S1333

S1334

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Grey font marking
- Captive and backed out terminals (except S1246 and S1247)
- Only one size 4mm screwdriver needed
- Locator plate fits 1g, 2g and 3g Slimline plate switches, compatibility depends on load
- In compliance with BS EN 60669-1

10 Amp

S1202	1 gang 1-way
S1203	1 gang 2-way
S1204	2 gang 2-way
S1205	3 gang 2-way
S1244	4 gang 2-way
S1245	6 gang 2-way
S1246	Intermediate
S1325	2 gang 2-way + intermediate

10 Amp Press

S1249	1 gang 2-way press switch
S1249B	1 gang 1-way press switch bell symbol

10 Amp 3 Pole Fan Isolator

S1247	3 pole fan isolator
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Accessories

S1417WH	Neon locator plate - white neon
----------------	---------------------------------

Door Card Switch

S1248	Energy saving
--------------	---------------



Back Boxes minimum recommended depth
1-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1220E
4-6g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

*Special order product, minimum order quantity and lead time applies

Wide Rocker Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

S1345	1 gang 2-way
S1346	2 gang 2-way
S1347	3 gang 2-way
S1348	Intermediate



S1345

S1346

S1347

S1348

Back Boxes minimum recommended depth
1-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1220E

Architrave Switches

- Grey font engraving
- Captive and backed out terminals
- Only one size 4mm screwdriver needed
- In compliance with EN 60669-1

10 Amp

S1321	1 gang 2-way
S1322*	2 gang 2-way
S1323	1 gang 2-way 'PRESS' switch



S1321

S1322

S1323

Back Boxes minimum recommended depth
1g Flush 27mm DB169 **Surface** 16mm V1324
2g Flush 27mm N/A **Surface** 16mm V1325

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Clear terminal markings
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1

Universal

S1414	1 gang multiway dimming
S1415	2 gang multiway dimming
S1416	3 gang multiway dimming
S1418	4 gang multiway dimming

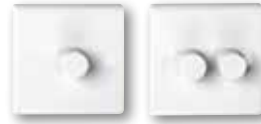
- Trailing Edge dimmers for use with dimmable LED (trailing edge control), incandescent and halogen lamps
- Suitable for loads up to 100W LED, 250W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Mechanical brightness adjustment
- Rotary push on/push off dimmers for 2 way switching
- In compliance with BS EN 60669-2-1

Trailing Edge

S1410	1 gang 2-way switching
S1411	2 gang 2-way switching
S1412	3 gang 2-way switching
S1413	4 gang 2-way switching

Dimmer Knob Spares

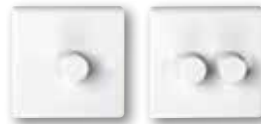
SP0004WH Dimmer knob (pack of 10) - white



S1414 S1415



S1416 S1418



S1410 S1411



S1412 S1413

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223



Connection Units

- Lockable, captive fuse carrier for safety isolation
- Captive and backed out terminals
- Neon leads enclosed
- Captive fuse carrier
- 2 earth terminals
- In compliance with BS 1363: Part 4

13 Amp Unswitched

S1360	Unswitched spur
S1361	Unswitched spur with neon
S1362	Unswitched spur with front flex outlet
S1363	Unswitched spur with neon and front flex outlet
S1364	Unswitched spur with bottom flex outlet

13 Amp Switched

S1370	Switched spur
S1371	Switched spur with neon
S1372	Switched spur with flex outlet
S1373	Switched spur with neon and flex outlet
S1374	Switched spur with bottom flex outlet

3 Amp Unswitched

S1380*	Unswitched spur - 3A fuse
S1381*	Unswitched spur with neon - 3A fuse

3 Amp Switched

S1386	Switched spur - 3A fuse
--------------	-------------------------



S1360 S1361 S1362



S1363 S1364



S1370 S1371 S1372



S1373 S1374



S1380 S1381 S1386

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

*Special order product, minimum order quantity and lead time applies

20A Double Pole Switches

- Grey font marking
- Colour coded terminals
- 2 earth terminals
- Neon leads enclosed
- Flex outlet option available
- In compliance with BS EN 60669-1

20 Amp

S1390	Switch
S1390WH	Switch 'WATER HEATER'
S1391	Switch with neon
S1391WH	Switch with neon 'WATER HEATER'
S1392	Switch with flex outlet
S1393	Switch with neon and flex outlet
S1393WH	Switch with neon and flex outlet 'WATER HEATER'
S1218P	Dual switch with neon



Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

50A Double Pole Switches

- Grey font marking
- Colour coded terminals
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp

S1300	Switch with red rocker
S1300P	Switch with neon and red rocker
S1310	Switch with white rocker
S1310P	Switch with neon and white rocker

50 Amp Tall

S1301	Tall switch with red rocker
S1301P	Tall switch with neon and red rocker
S1311	Tall switch with white rocker
S1311P	Tall switch with neon and white rocker



Back Boxes minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Cooker Control Units

- Red or white rockers available
- Colour coded terminals
- Neon leads enclosed
- Grey font marking
- 2 earth terminals
- In compliance with BS 4177 as applicable

Cooker Control

- S1302** 45A switch with red rocker + 13A switched socket
- S1312** 45A switch with white rocker + 13A switched socket
- S1302P** 45A switch with red rocker and neon + 13A switched socket and neon
- S1312P** 45A switch with white rocker and neon + 13A switched socket and neon

Cooker Cable Outlet

- S1217** 45A cooker cable outlet



S1302



S1312



S1302P



S1312P



S1217

Back Boxes minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Back Boxes - S1217 minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228

Shaver Socket



- Colour coded terminals
- Dual voltage outlet 240V/115V
- Neon indicator
- Grey font marking
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5

Shaver Socket

- S1305** Dual voltage with neon



S1305

Back Boxes minimum recommended depth

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

*Special order product, minimum order quantity and lead time applies

Telephone Outlets



- IDC terminals on UK version
- Screw terminals on RJ11
- OfTel approved to NS/G/23/L/100005



S1352 S1353 S1354

Telephone Outlets

S1352	Single master
S1353	Single secondary
S1354	RJ11

Back Boxes minimum recommended depth
1g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1221

TV Outlets



- Suitable for standard co-axial BS 3041 plugs



S1264 S1265 S1266

TV Outlets

S1264	Single co-axial isolated
S1265	TV/FM (DAB) diplexer
S1266	TV/F type
S1268	Single co-axial non-isolated
S1340	TV/FM (DAB)/satellite triplexer
S1342	TV/FM (DAB)/satellite quadplexer and 2 data module spaces



S1268 S1340



S1342

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

Blank Plates

- In compliance with BS 5733



S1200 S1201

Blank Plates

S1200	1 gang
S1201	2 gang

Back Boxes minimum recommended depth
1g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1221

Flex Connection Plates

- Dual terminals of live, neutral and earth on 25A flex connection plates
- In compliance with BS 5733

Flex Connection Plates

S1215	25A flex outlet plate
S1216	25A flex connection plate (no flex outlet)
S1217	45A cooker cable outlet



S1215 S1216 S1217

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

Back Boxes - S1217 minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228

Media Plates

- Colour coded terminals
- Recessed earth bar
- Captive and backed out terminals
- Up to eight single data modules can be installed in a S1985
- Flush back box - 40mm deep (DB184) has segregation between LV and ELV sections

Media Plates

S1985	4 gang 13A socket and 8 data module spaces
S1987	4 gang 13A socket with TV/FM/DAB quadplexer Co-Axial female, BT secondary and 4 data module spaces fitted with blanks
S1988	4 gang 13A socket with Co-Axial male, BT secondary and 6 data module spaces fitted with blanks



S1985 S1987



S1988

Back Boxes - Media Plates minimum recommended depth
 DB184 **Width** 250mm **Height** 192mm **Depth** 40mm

Media Plates

Where multiple power, telecom, TV and AV outlets are required in one place, a Media Plate provides the perfect solution. Media Plates provide the flexibility to configure the installation to meet your individual requirements. To make the installation even easier, the flush mounting box has a divider between the mains voltage sockets and the extra low voltage modules (refer to BS7671 IET Wiring Regulations). Also available in Slimline Décor and Ultra Flatplate ranges.

Full range of Euro Modules, see page 108

Data Plates

- Accepts standard 50x25mm modules

Data Plates

S1422 Two module
S1424 Four module



S1422 S1424

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm V1222
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

Full range of Euro Modules, see page 108

Door Bell and Bell Pushes



- 240V mains voltage
- Needs wire between door bell and bell push
- 2 tone
- Supplied with additional black cover for bell push

Doorbell Kit

C3504 Door chime and bell push with white and black covers



C3504

Bell Pushes

C3506CH Chrome bell push
C3507 Bell push with white and black covers



C3506CH C3507



Slimline Part M

Slimline Part M accessories are designed to meet the requirements set out within Building Regulations Approved Document M.

Based on the highly established Slimline range, Slimline Part M wiring accessories are supplied with grey frontplates and white rockers, providing visual contrasting and ensuring accessibility, visibility and ease of use.



GUARANTEE
(unless otherwise stated)



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Product Features

- ▲ MEETS PART M REQUIREMENTS
- ▲ SLIM AND CURVED PROFILE
- ▲ EASY INSTALLATION
- ▲ POWER, TELECOM, DATA AND AUDIO SOLUTIONS
- ▲ IDEAL FOR DOMESTIC BUILDINGS AND FACILITIES USED BY THOSE WITH VISUAL IMPAIRMENTS AND LIMITED DEXTERITY

Slimline offers a dedicated range of Part M wiring accessories with grey frontplates and white switches, making them easily visible to the visually impaired.

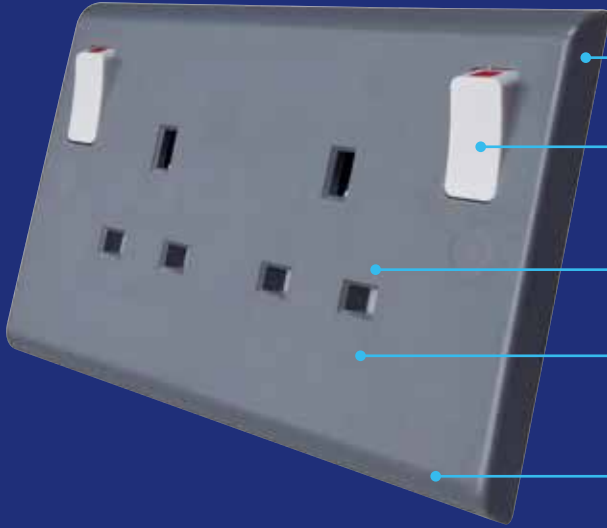
Plate Switches offer the option of a wide rocker switch which can be easily operated by those with limited dexterity. Switch rockers on multi-gang plate switches are separated, preventing inadvertent operation.

Socket Outlets offer the option of a two gang switched socket outlet with outboard rockers, preventing inadvertent operation.

The range also includes switches with neon indicators, making it easier for the user to determine if the switch is on or off.



All products are only 7mm thick with curved edges on top and bottom



Curved rockers

High grade urea frontplate with anti-microbial properties

Earth pin operated shutters

High quality heat resistant frontplates



Funnel entry, colour coded terminals

Top access terminals

Clear terminal markings

Captive, backed out terminal screws

Recessed earth bar

Socket Outlets

- Colour coded terminals
- Recessed earth bar
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2



S1451 S1453

Double Pole - 13 Amp

S1451	1 gang switched
S1453	2 gang switched

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Wide rocker option
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1



S1456 S1457 S1461

10 Amp

S1456	1 gang 2-way
S1457	2 gang 2-way



S1462 S1463

10 Amp Wide Rocker

S1461	1 gang 2-way
S1462	2 gang 2-way
S1463	Intermediate

Back Boxes minimum recommended depth
1-2g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1220E

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS 1363: Part 4



S1471 S1474

13 Amp Switched

S1471	Switched spur with neon
S1474	Switched spur with bottom flex outlet

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

20A Double Pole Switches

- Colour coded terminals
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

20 Amp

S1481 Switch with neon



S1481

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

50A Double Pole Switches

- White font marking
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp Tall

S1485 Tall switch with neon



S1485

Back Boxes minimum recommended depth

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Cooker Control Unit

- White font engraving
- Neon leads enclosed
- 2 earth terminals
- Cooker cable outlet available, see page 56
- In compliance with BS 4177



S1489

Cooker Control

S1489 45A switch with red rocker and neon + 13A switched socket and neon

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Shaver Socket



- Colour coded terminals
- Dual voltage outlet 240V/115V
- Neon indicator
- Grey font marking
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5



S1490

Shaver Socket

S1490 Dual voltage with neon

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Data Plates

- Accepts standard 50x25mm modules

Data Plates

S1492 Two module
S1494 Four module



S1492



S1494

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540 **Surface** 33mm V1222
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

Full range of Euro Modules, see page 108





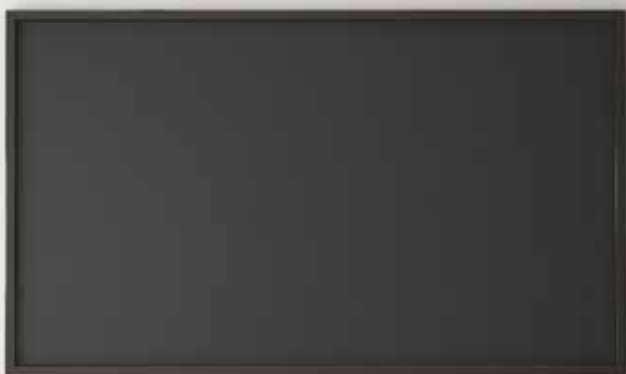
Slimline Screwless

Slimline Screwless provides a range of white and chrome wiring accessories designed to match the clean contemporary styling of the popular Slimline range.

Slimline Screwless offers the same sleek and curved profile as Slimline with no visible fixing screws and a removable frontplate, complementing any modern setting.



GUARANTEE
(unless otherwise stated)



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Finishes

Available in the following finishes

* special order finish, minimum order quantity as lead time applies



Chrome



White



Matt
Black*



Brushed
Chrome*

Product Features

- ▲ REMOVABLE FRONTPLATE
- ▲ SLIM AND CURVED PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Slimline Screwless is designed with the professional in mind. All accessories can be fully installed and tested before the frontplate is fitted.

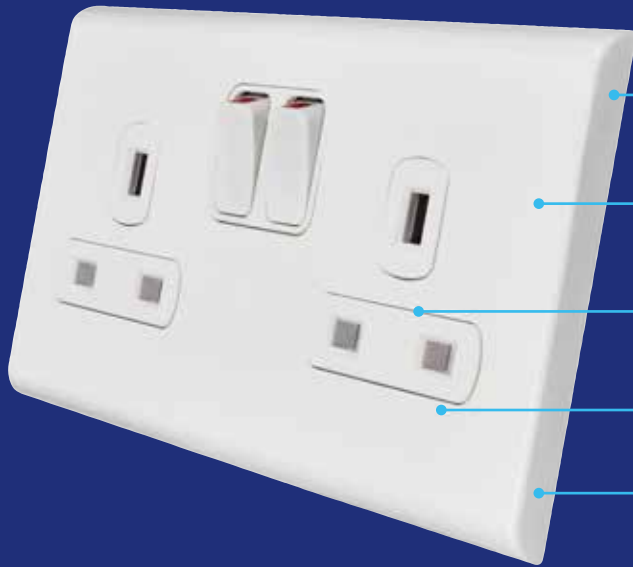
Frontplates simply but securely clip onto the mounting system and can easily be removed by inserting a screwdriver into the guide, providing a practical solution when decorating.

FINISH

CHW or WHW

CHROME OR WHITE FINISH AVAILABLE WITH WHITE INSERTS

WHEN ORDERING PRODUCTS, PLEASE INDICATE FINISH AND INSERT PREFERENCE BY ADDING SUFFIXES SHOWN ABOVE



Frontplates clip securely onto mounting frame

Choice of white or chrome frontplates

White insert for all power and data accessories

Earth pin operated shutters

Only 7mm thick



Top access terminals

Funnel entry, colour coded terminals

Clear terminal markings

Captive, backed out terminal screws

Recessed earth bar

Socket Outlets

- Top facing terminal screws
- Recessed earth bar
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Unswitched - 13 Amp

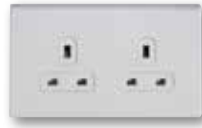
8635	1 gang unswitched
8636*	2 gang unswitched

Double Pole - 13 Amp

8631	1 gang switched
8632	2 gang switched
8634*	2 gang switched with neons



8635CHW



8636WHW



8631WHW



8631CHW



8632CHW



8634WHW

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363: Part 2

Single Pole - 13 Amp + 4.0A USB

8678	2 gang switched and 3 USB charging ports
-------------	--



8678WHW



8678CHW

Back Boxes minimum recommended depth

2g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 33mm V1224

*Special order product, minimum order quantity and lead time applies

Round Pin Socket Outlets

- Top facing terminal screws
- Only one size 4mm screwdriver needed
- In compliance with BS 546

Unswitched

8637	1 gang 5A unswitched
8638*	1 gang 15A unswitched

Switched

8639*	1 gang 15A switched
--------------	---------------------



8637WHW 8637CHW 8638WHW

8638CHW 8639WHW 8639CHW

Back Boxes minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp Switched

8601	1 gang 2-way
8602	2 gang 2-way
8603	3 gang 2-way
8604	4 gang 2-way
8606	Intermediate

10 Amp 3 Pole Fan Isolator

8607	3 pole fan isolator
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8601CHW 8602WHW

8603CHW 8604WHW

8606CHW 8607WHW

Back Boxes minimum recommended depth

1g-3g Flush 16mm DB152 **Dry Lining** 35mm DB2540 **Surface** 16mm V1220E
4g Flush 25mm DB163 **Dry Lining** 35mm DB2541 **Surface** 25mm V1223

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 346-347 for further information on dimming loads n
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



8629WH



8630WH

Back Boxes - minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

Universal

8629	1 gang multiway dimming
8630	2 gang multiway dimming

Dimmer Knob Spares

SP0004WH	Dimmer knob (pack of 10) - white
SP0004CH	Dimmer knob (pack of 10) - chrome

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Captive and backed out terminals
- Neon leads enclosed
- Captive fuse carrier
- Front or bottom flex outlet versions available
- Neon versions available
- 2 earth terminals
- In compliance with BS 1363: Part 4



8646WHW



8646CHW



8643WHW



8643CHW



8644WHW



8644CHW

13 Amp Unswitched

8646	Unswitched spur with neon
------	---------------------------

13 Amp Switched

8643	Switched spur with neon
8644	Switched spur with neon and flex outlet

Back Boxes - minimum recommended depth

1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

*Special order product, minimum order quantity and lead time applies

20A Double Pole Switches

- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS EN 60669-1

20 Amp

- 8656** Switch with neon
- 8657*** Switch with flex outlet
- 8658** Switch with neon and flex outlet



Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

50A Double Pole Switches

- Grey font marking
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp

- 8650** Switch with red rocker and neon

Tall 50 Amp

- 8652** Tall switch with red rocker and neon



Back Boxes minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542 **Surface** 45mm V1228
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Cooker Control Units

- Discreet neon
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- Cooker cable outlet available, see page 56
- In compliance with BS 4177

Cooker Control

- 8654** 45A switch with red rocker and neon + 13A switched socket and neon



Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543 **Surface** 45mm V1229

Shaver Socket



- Dual voltage outlet 240V/115V
- Neon indicator
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5



8671WHW 8671CHW

Shaver Socket

8671 Dual voltage with neon

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- IDC terminals on UK version
- Screw terminals on RJ11
- Ofotel approved to NS/G/23/L/100005



8681CHW 8683WHW 8686WHW

Telephone Outlets

8681 Single master
8683 Single secondary
8686* RJ11

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

TV Outlets



- Suitable for standard co-axial BS 3041 plugs

TV Outlets

8690 Single co-axial non isolated
8691 Single co-axial isolated
8692 TV/FM (DAB) diplexer
8693* TV/F type
8694 TV/FM (DAB)/satellite triplexer



8690WHW 8691CHW
 8692CHW 8693WHW 8694CHW

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540 **Surface** 25mm V1221

*Special order product, minimum order quantity and lead time applies

Blank Plates

- In compliance with BS 5733

Blank Plates

8661	1 gang
8662	2 gang



8661WHW 8662CHW

Back Boxes minimum recommended depth

1g Flush 25mm DB162	Dry Lining 35mm DB2540	Surface 25mm V1221
2g Flush 25mm DB163	Dry Lining 35mm DB2541	Surface 25mm V1222

Data Plates

- Accepts standard 50x25mm modules

Data Plates

8685	One module
8687	Two module
8689	Four module



8685CHW 8687WHW



8689CHW

Back Boxes minimum recommended depth depending on modules and cable sizes

1g Flush 35mm DB164	Dry Lining 35mm DB2540	Surface 33mm V1222
2g Flush 35mm DB165	Dry Lining 35mm DB2541	Surface 33mm V1224

Full range of Euro Modules, see page 108



Slimline Décor

Slimline Décor provides a range of metal plate wiring accessories to match with the clean contemporary styling of the popular Slimline and Slimline Screwless ranges.

Slimline Décor offers a comprehensive range of accessories available in a choice of Chrome or Stainless Steel finishes with either black or white moulded inserts. With matching metal rockers on all switched accessories, Slimline Décor provides elegance and sophistication to any modern domestic or commercial building.



GUARANTEE
(unless otherwise stated)



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Finishes

Available in the following finishes



Chrome



Stainless Steel



Product Features

- ▲ MATCHING METAL ROCKERS
- ▲ SLIM AND CURVED PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Slimline Décor complements both the Slimline and Slimline Screwless ranges of wiring accessories, providing extended application opportunities for domestic and commercial projects, keeping installation simple and straight forward.

The Slimline Décor range incorporates a number of features including captive backed out terminal screws, high visibility terminal markings and colour coded terminals. Terminals are angled to assist dressing cables into the back box, enabling effortless installation.

FINISH

CH

or

SS

with

B

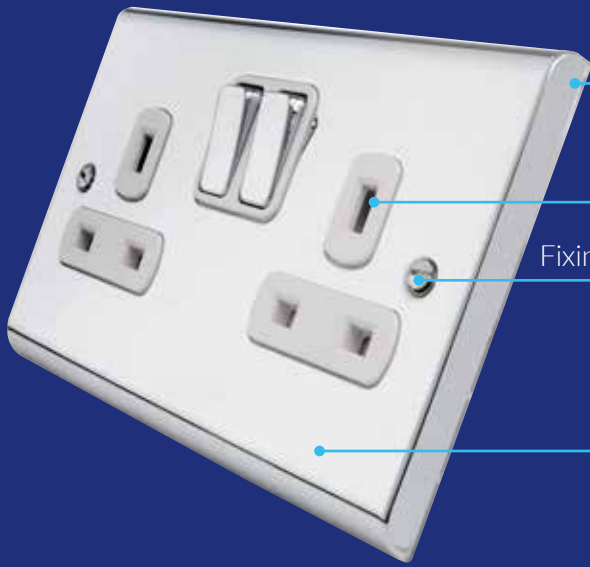
or

W

INSERTS

CHROME OR STAINLESS STEEL FINISH AVAILABLE WITH EITHER BLACK OR WHITE INSERTS

WHEN ORDERING PRODUCTS, PLEASE INDICATE FINISH AND INSERT PREFERENCE BY ADDING SUFFIXES SHOWN ABOVE

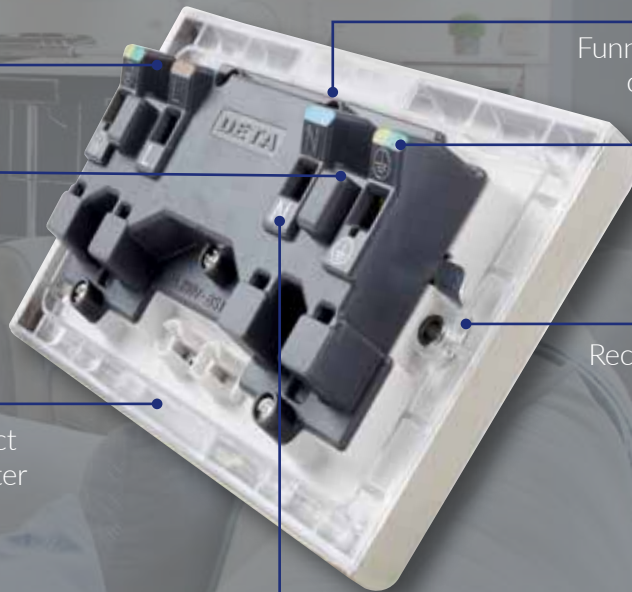


Only 7mm thick

Earth pin operated shutters

Fixing screws colour matched to plate

Protective film prevents damage during installation



Clear terminal markings

Funnel entry, colour coded terminals

Top access terminals

Recessed earth bar

Gasket to protect from damp plaster

Captive, backed out terminal screws

Socket Outlets

- Top facing terminal screws
- Recessed earth bar
- Captive and backed out terminals
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Double Pole - 13 Amp

- SD1207** 1 gang switched
- SD1209** 2 gang switched



SD1207CHW



SD1207SSB



SD1209CHW



SD1209SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363: Part 2

Single Pole - 13 Amp + 4.0A USB

- SD1299** 2 gang switched and 3 USB charging ports



SD1299CHW



SD1299SSB

Back Boxes minimum recommended depth
2g Flush 25mm DB163 **Dry Lining** 35mm DB2541

Round Pin Socket Outlets

- Top facing terminal screws
- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- In compliance with BS 546

Unswitched

- SD1331** 1 gang 5A unswitched



SD1331CW



SD1331CHB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Captive and backed out terminals (except SD1246 & SD1247)
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

SD1203	1 gang 2-way
SD1204	2 gang 2-way
SD1205	3 gang 2-way
SD1244	4 gang 2-way
SD1246	Intermediate

10 Amp 3 Pole Fan Isolator

SD1247	3 pole fan isolator
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SD1203CHW SD1204SSB SD1205SSB



SD1244CHW SD1244SSB



SD1246CHB SD1246SSB SD1247CHW

Back Boxes minimum recommended depth

1g-3g Flush 25mm DB152 **Dry Lining** 35mm DB2540

4g Flush 25mm DB163 **Dry Lining** 35mm DB2541

SUPERCHARGED, SUPERFAST..



Dimmer Switches



- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



SD1414CH SD1415SS

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540

Universal

SD1414 1 gang multiway dimming
SD1415 2 gang multiway dimming

Dimmer Knob Spares

SP0004CH Dimmer knob (pack of 10) - chrome
SP0004SS Dimmer knob (pack of 10) - stainless steel

Connection Units

- Lockable, captive fuse carrier for safety isolation
- 2 earth terminals
- Captive fuse carrier
- In compliance with BS 1363: Part 4

13 Amp Unswitched

SD1360 Unswitched spur

13 Amp Switched

SD1370 Switched spur
SD1371 Switched spur with neon
SD1373 Switched spur with neon and flex outlet



SD1360CHW SD1360SSB SD1370CHW SD1370SSB



SD1371CHW SD1371SSB SD1373CHW SD1373SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540

20A Double Pole Switches

- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS EN 60669-1

20 Amp

SD1390 Switch
SD1391 Switch with neon



SD1390CHW SD1390SSB SD1391CHW SD1391SSW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540

*Special order product, minimum order quantity and lead time applies

50A Double Pole Switches

- Grey font marking
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp

SD1300 Switch
SD1300P Switch with neon

50 Amp Tall

SD1301 Tall switch
SD1301P Tall switch with neon



Back Boxes minimum recommended depth
1g Flush 47mm DB167 **Dry Lining** 46mm DB2542
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Cooker Control Units

- Grey font marking
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- Cooker cable outlet available, see page 56
- In compliance with BS 4177



Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Cooker Control

SD1302P 45A switch with neon + 13A switched socket with neon

Shaver Socket



- Dual voltage outlet 240V/115V
- Neon indicator
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5

Shaver Socket

SD1305 Dual voltage with neon



Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- IDC terminals on UK version
- OfTel approved to NS/G/23/L/100005

Telephone Outlets

- SD1352** Single master
- SD1353** Single secondary



SD1352CHB SD1352SSB SD1353CHW SD1353SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

TV Outlets



- Suitable for standard co-axial BS 3041 plugs

TV Outlets

- SD1264** Single co-axial isolated
- SD1265** TV/FM (DAB) diplexer
- SD1340** TV/FM (DAB)/satellite triplexer



SD1264CHB SD1264SSB SD1265CHW



SD1265SSW SD1340CHW SD1340SSW

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2540

Blank Plates

- In compliance with BS 5733

Blank Plates

- SD1200** 1 gang
- SD1201** 2 gang



SD1200CH SD1200SS



SD1201CH SD1201SS

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541

*Special order product, minimum order quantity and lead time applies

Media Plates

- Top facing terminal screws
- Captive and backed out terminals
- Recessed earth bar
- Up to six single data modules can be installed in a Media Plate
- Flush back box - 40mm deep (DB184) has segregation between LV and ELV sections

Media Plates

SD1975	4 gang 13A socket and 6 data module spaces
SD1977	4 gang 13A socket with TV/FM/DAB quadplexer Co-Axial female, BT secondary and 2 data module spaces
SD1978	4 gang 13A socket with Co-axial male, BT secondary and 4 data module spaces



SD1975CHB



SD1975SSW

Back Boxes minimum recommended depth
DB184 Width 250mm Height 192mm Depth 40mm

Media Plates

Where multiple power, telecom, TV and AV outlets are required in one place, a Media Plate provides the perfect solution. Media Plates provide the flexibility to configure the installation to meet your individual requirements. To make the installation even easier, the flush mounting box has a divider between the mains voltage sockets and the extra low voltage modules (refer to BS7671 IET Wiring Regulations). Also available in Slimline and Ultra Flatplate ranges.

Data Plates

- Accepts standard 50x25mm modules

Data Plates

SD1421	One module
SD1422	Two module
SD1424	Four module



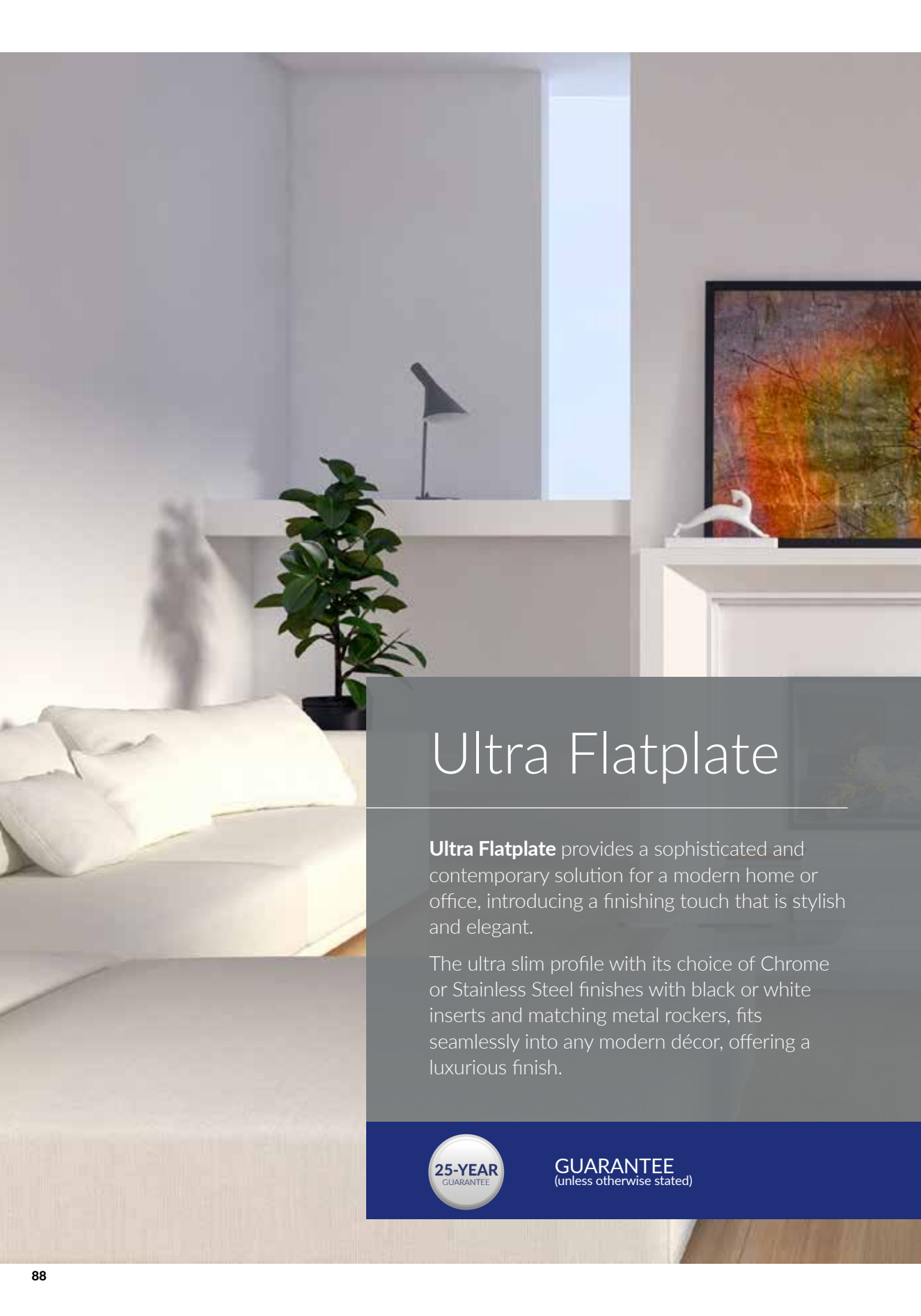
SD1421CHB SD1421SSW SD1422CHB SD1422SSB



SD1424CHW SD1424SSB

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 Dry Lining 35mm DB2540
2g Flush 35mm DB165 Dry Lining 35mm DB2541

Full range of Euro Modules, see page 108



Ultra Flatplate

Ultra Flatplate provides a sophisticated and contemporary solution for a modern home or office, introducing a finishing touch that is stylish and elegant.

The ultra slim profile with its choice of Chrome or Stainless Steel finishes with black or white inserts and matching metal rockers, fits seamlessly into any modern décor, offering a luxurious finish.



GUARANTEE
(unless otherwise stated)



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Finishes

Available from stock in the following finishes



Chrome



Stainless Steel



Product Features

- ▲ DELUXE DESIGN
- ▲ MATCHING METAL ROCKERS
- ▲ ULTRA SLIM PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Ultra Flatplate has been designed to fit seamlessly into every aspect of modern life.

The comprehensive range of products covers all applications providing a complementary aesthetic throughout.

A protective film prevents accidental damage or scratches during installation and a high quality finish gives Ultra Flatplate accessories their allure.

FINISH

CH

or

SS

with

B

or

W

INSERTS

CHROME OR STAINLESS STEEL FINISH AVAILABLE WITH EITHER BLACK OR WHITE INSERTS

WHEN ORDERING PRODUCTS, PLEASE INDICATE FINISH AND INSERT PREFERENCE BY ADDING SUFFIXES SHOWN ABOVE



Only 1.5mm thick

Protective film

Fixing screws colour matched to plate

Earth pin operated shutter

High quality finish

Top access terminals

Clear terminal markings

Gasket to protect product from damp plaster

Captive, backed out terminal screws

Recessed earth bar

Socket Outlets

- Top facing terminal screws
- Recessed earth bar
- Captive and backed out terminals
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Double Pole - 13 Amp

8131	1 gang switched
8132	2 gang switched



8131CHW 8131SSW



8132CHB 8132SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high speed charging
- In compliance with BS 1363: Part 2

Single Pole - 13 Amp + 4.0A USB

8174	2 gang switched and 3 USB charging ports
------	--



8174CHW 8174SSW

Back Boxes minimum recommended depth
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

*Special order product, minimum order quantity and lead time applies

Round Pin Socket Outlets

- Top facing terminal screws
- Clear terminal markings
- Colour coded terminals
- Recessed earth bar
- Only one size 4mm screwdriver needed
- In compliance with BS 546



8138CHW 8138SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

Unswitched

8138 1 gang 5A unswitched

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Captive and backed out terminals (except 8106 and 8107)
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

8101 1 gang 2-way
8102 2 gang 2-way
8103 3 gang 2-way
8104 4 gang 2-way
8106 Intermediate

10 Amp 3 Pole Fan Isolator

8107 3 pole fan isolator



Back Boxes minimum recommended depth
1g-3g Flush 25mm DB162 **Dry Lining** 35mm DB2547
4g Flush 25mm DB163 **Dry Lining** 35mm DB2548

Dimmer Switches

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



8129SS 8130CH

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

Universal

8129 1 gang multiway dimming
8130 2 gang multiway dimming

Dimmer Knob Spares

SP0004SS Dimmer knob (pack of 10) - stainless steel
SP0004CH Dimmer knob (pack of 10) - chrome

Connection Units

- Lockable, captive fuse carrier for safety isolation
- 2 earth terminals
- Neon leads enclosed
- Discreet neons
- Terminals have large lead-ins
- In compliance with BS 1363: Part 4



8141CHW 8142SSB

13 Amp Unswitched

8141* Unswitched spur

13 Amp Switched

8142 Switched spur
8143 Switched spur with neon
8144* Switched spur with neon and flex outlet



8143CHW 8144SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

20A Double Pole Switches

- Clear terminal markings
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS EN 60669-1



8156CHB 8156SSW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

20 Amp

8156 Switch with neon

*Special order product, minimum order quantity and lead time applies

50A Double Pole Switches

- Clear terminal markings
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS EN 60669-1

50 Amp

8160 Switch with neon

50 Amp Tall

8152 Tall switch with neon



8160CHW

8160SSB

8152CHW

8152SSB

Back Boxes minimum recommended depth

1g Flush 47mm DB167 **Dry Lining** 46mm DB2542

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Cooker Control Units

- Clear terminal markings
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Terminals have large lead-ins
- Cooker cable outlet available, see page 56
- In compliance with BS 4177



8154CHW

8154SSB

Back Boxes minimum recommended depth

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Cooker Control

8154 45A switch with neon + 13A switched socket with neon

Shaver Socket



- Clear terminal markings
- Colour coded terminals
- Dual voltage outlet 240V/115V
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5

Shaver Socket

8171 Dual voltage with neon



8171CHW

8171SSB

Back Boxes minimum recommended depth

2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets



- Clear terminal markings
- IDC terminals on UK version
- Screw terminals on RJ11
- OfTel approved to NS/G/23/L/100005

Telephone Outlets

8181	Single master
8183	Single secondary
8185*	RJ11



8181CHB 8181SSB 8183CHW



8183SSW 8185SSB

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2547

TV Outlets



- Clear terminal markings
- Suitable for standard co-axial BS 3041 plugs

TV Outlets

8191	Single co-axial isolated
8192*	TV/FM (DAB) diplexer
8193*	TV/F Type
8194*	TV/FM (DAB)/satellite triplexer



8191CHW 8191SSB 8192CHW 8192SSB



8193CHW 8193SSB 8194CHW 8194SB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

Blank Plates

- In compliance with BS 5733

Blank Plates

8161	1 gang
8162	2 gang



8161CH 8161SS



8162CH 8162SS

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

*Special order product, minimum order quantity and lead time applies

Media Plates

- Top facing terminal screws
- Clear terminal markings
- Colour coded terminals
- Recessed earth bar
- Captive and backed out terminals
- Up to six single data modules can be installed in a Media Plate
- Flush back box - 40mm deep (DB184) has segregation between LV and ELV sections



8175CHB

Media Plates

8175 4 gang 13A socket and 6 data module spaces

Back Boxes minimum recommended depth
DB184 **Width** 250mm **Height** 192mm **Depth** 40mm

Media Plates

Where multiple power, telecom, TV and AV outlets are required in one place, a Media Plate provides the perfect solution. Media Plates provide the flexibility to configure the installation to meet your individual requirements. To make the installation even easier, the flush mounting box has a divider between the mains voltage sockets and the extra low voltage modules (refer to BS7671 IET Wiring Regulations). Also available in Slimline and Slimline Décor ranges.

Data Plates

- Accepts standard 50x25mm modules

Data Plates

8186 One module

8187 Two module

8189 Four module



8186CHW

8186SSW



8187CHW

8187SSB

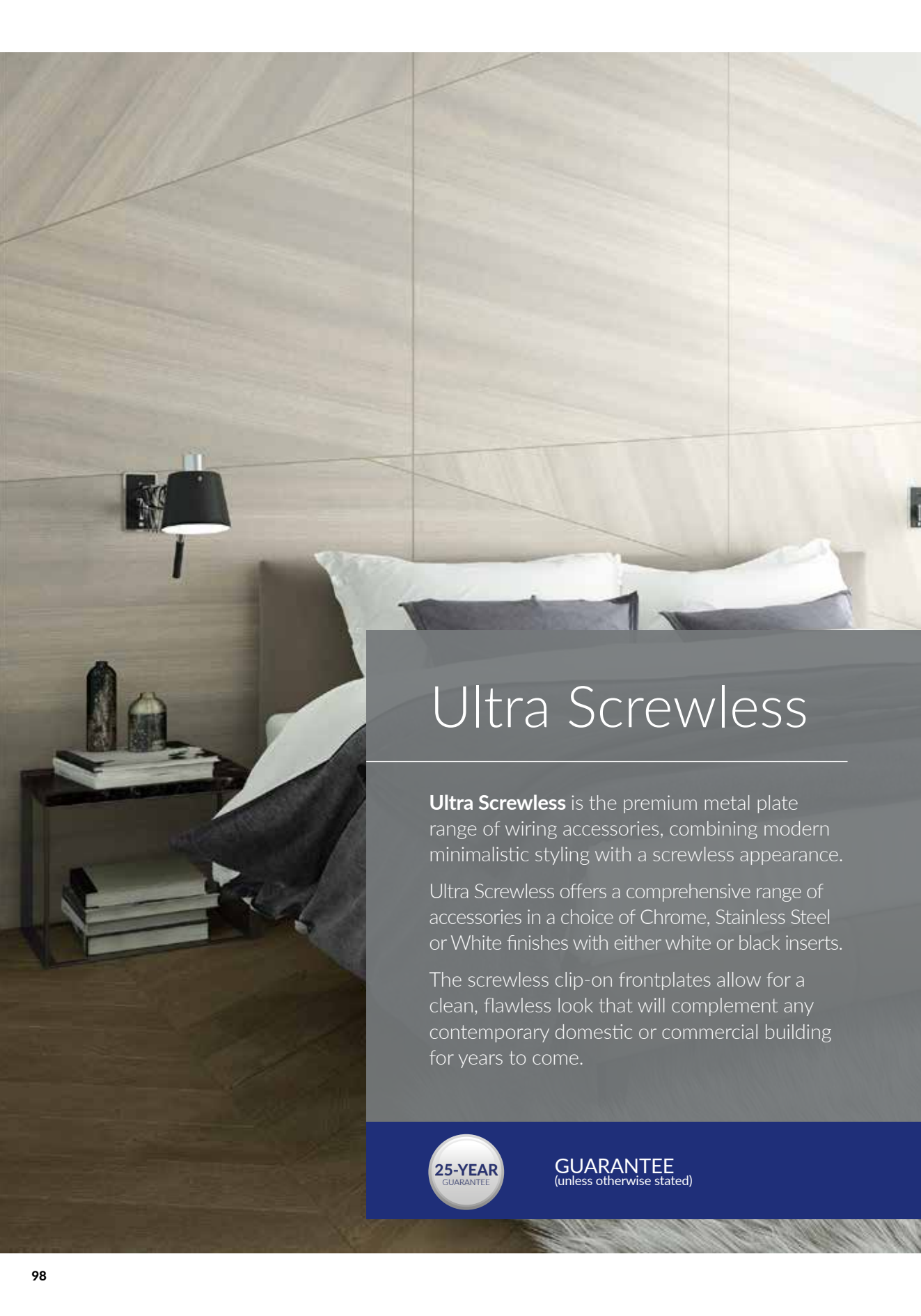


8189CHW

8189SSB

Back Boxes minimum recommended depth depending on modules and cable sizes
1g **Flush** 35mm DB164 **Dry Lining** 35mm DB2547
2g **Flush** 35mm DB165 **Dry Lining** 35mm DB2548

Full range of Euro Modules, see page 108



Ultra Screwless

Ultra Screwless is the premium metal plate range of wiring accessories, combining modern minimalistic styling with a screwless appearance.

Ultra Screwless offers a comprehensive range of accessories in a choice of Chrome, Stainless Steel or White finishes with either white or black inserts.

The screwless clip-on frontplates allow for a clean, flawless look that will complement any contemporary domestic or commercial building for years to come.



GUARANTEE
(unless otherwise stated)



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Finishes

Available in the following finishes

* special order finish, minimum order quantity and lead time applies



Chrome



Stainless
Steel



White



Matt
Black*



Black
Nickel*

Product Features

- ▲ SLEEK DESIGN
- ▲ MATCHING METAL ROCKERS
- ▲ ULTRA SLIM PROFILE
- ▲ EASY INSTALLATION
- ▲ FULL RANGE OF ACCESSORIES INCLUDING GRIDSWITCH OPTIONS AVAILABLE
- ▲ IDEAL FOR DOMESTIC AND COMMERCIAL BUILDINGS

Ultra Screwless has been designed with the professional in mind, all products can be fully installed and tested before the addition of the screwless frontplates, which simply but securely clip onto the mounting system.

The frontplates also provide a practical solution when decorating by speeding up the painting process and avoiding paint drips. Frontplates are easily removed by inserting a screwdriver into the guide.

A protective film prevents accidental damage, keeping accessories looking flawless during the installation process.

FINISH

CH

or

SS

or

WH

with

B

or

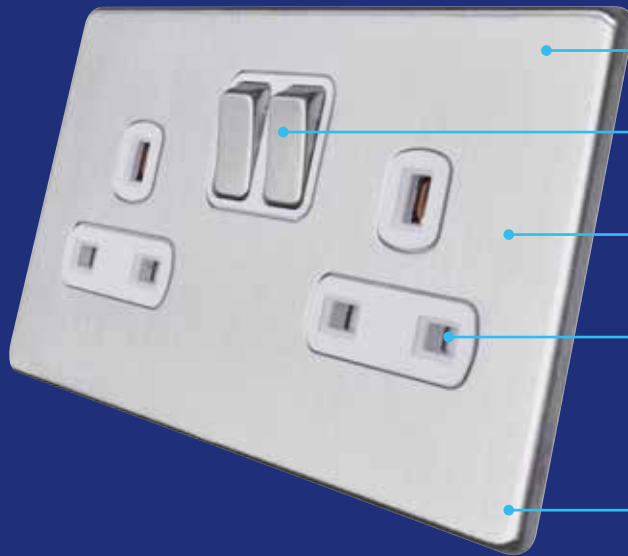
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INSERTS

CHROME, STAINLESS STEEL OR WHITE FINISH AVAILABLE WITH EITHER BLACK OR WHITE INSERTS

WHEN ORDERING PRODUCTS, PLEASE INDICATE FINISH AND INSERT PREFERENCE BY ADDING SUFFIXES SHOWN ABOVE

*PLEASE NOTE, WHITE FINISH IS ONLY AVAILABLE WITH WHITE INSERT (e.g. 8175WHW)



Protective film

Curved rockers

High quality finish

Earth pin operated shutters

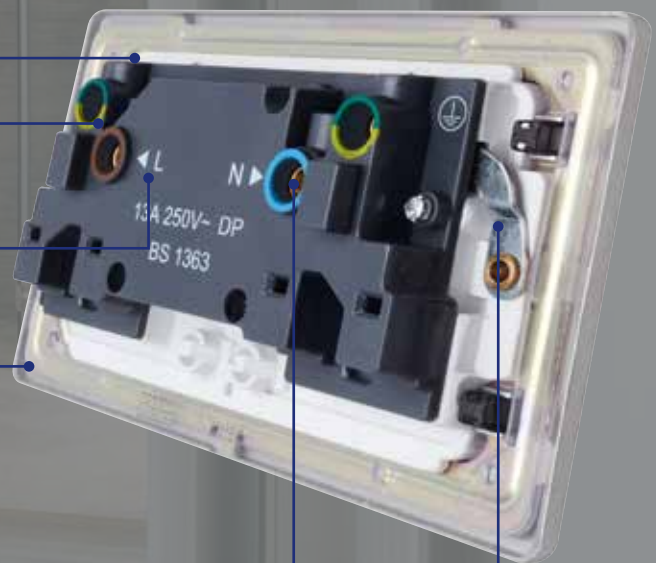
Screwless frontplate
only 3.5mm thick

Top access terminals

Funnel entry, colour
coded terminals

Clear terminal
markings

Gasket to protect product
from damp plaster



Captive, backed out
terminal screws

Recessed
earth bar

Socket Outlets

- Top facing terminal screws
- Recessed earth bar
- Captive and backed out terminals
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- In compliance with BS 1363: Part 2

Unswitched - 13 Amp

8535	1 gang unswitched
8536*	2 gang unswitched

Double Pole - 13 Amp

8531	1 gang switched
8532	2 gang switched



8535CHW



8536CHB



8531CHW



8531WHW



8532SSB

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

USB Charging Socket Outlets



- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high speed charging
- In compliance with BS 1363: Part 2

Single Pole - 13 Amp + 4.0A USB

8574	2 gang switched and 3 USB charging ports
------	--



8574CHW



8574SSB

Back Boxes minimum recommended depth
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

*Special order product, minimum order quantity and lead time applies

Round Pin Socket Outlets

- Top facing terminal screws
- Clear terminal markings
- Colour coded terminals
- Captive and backed out terminals
- Only one size 4mm screwdriver needed
- In compliance with BS 546



8538CHB



8538WHW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

Unswitched

8538 1 gang 5A unswitched

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Captive and backed out terminals (except 8506 and 8507)
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp

8501 1 gang 2-way
8502 2 gang 2-way
8503 3 gang 2-way
8504 4 gang 2-way
8506 Intermediate

10 Amp 3 Pole Fan Isolator

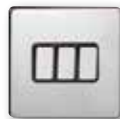
8507 3 pole fan isolator



8501CHW



8502SSW



8503CHB



8504SSW



8506CHW



8507CHW



8507SSB

Back Boxes minimum recommended depth
1-3g Flush 25mm DB162 **Dry Lining** 35mm DB2547
4g Flush 25mm DB163 **Dry Lining** 35mm DB2548

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1



8529CH 8529SS 8529WH
 8530CH 8530SS

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547


Universal


8529 1 gang multiway dimming
 8530 2 gang multiway dimming

Dimmer Knob Spares


SP0004CH Dimmer knob (pack of 10) - chrome
 SP0004SS Dimmer knob (pack of 10) - stainless steel
 SP0004WH Dimmer knob (pack of 10) - white

The new generation of dimmers







UNIVERSAL DIMMER
Leading and trailing edge compatible




MULTI WAY DIMMING
Up to 20 locations



350W MAXIMUM LOAD
250W LED



PROGRAMMABLE
Minimum brightness adjustment



EPROM MEMORY
Brightness adjustment saved in event of power cuts

*Special order product, minimum order quantity and lead time applies

Connection Units

- Lockable, captive fuse carrier for safety isolation
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS 1363: Part 4

13 Amp Unswitched

8541* Unswitched spur

13 Amp Switched

8542 Switched spur
 8543 Switched spur with neon
 8544* Switched spur with neon and flex outlet



8541CHW 8542SSB



8543WHW 8544CHW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

20A Double Pole Switches

- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- In compliance with BS EN 60669-1

20 Amp

8555* Switch
 8556 Switch with neon
 8557* Switch with flex outlet



8555CHW 8556SSB 8557WHW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

50A Double Pole Switches

- Grey font markings
- Clear terminal markings
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- In compliance with BS EN 60669-1

50 Amp Tall

8551* Tall switch
 8552 Tall switch with neon



8551CHB 8552WHW 8552SSB

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Cooker Control Units

- Grey font engraving
- Clear terminal markings
- Colour coded terminals
- Discreet neons
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- Cooker cable outlet available, see page 56
- In compliance with BS 4177



8554CHW



8554SSB



8554WHW

Cooker Control

8554 45A switch with neon + 13A switched socket with neon

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Shaver Socket

- Clear terminal markings
- Colour coded terminals
- Dual voltage outlet 240V/115V
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- In compliance with BS EN 61558-2-5



8571CHW



8571SSB



8571WHW



Shaver Socket

8571 Dual voltage with neon

Back Boxes minimum recommended depth
2g Flush 47mm DB168 **Dry Lining** 46mm DB2543

Telephone Outlets

- Clear terminal markings
- IDC terminals on UK version
- Screw terminals on RJ11
- OfTel approved to NS/G/23/L/100005



8581WHW



8583CHW



8585SSW



Telephone Outlets

8581* Single master
8583 Single secondary
8585* RJ11

Back Boxes minimum recommended depth
1g Flush 25mm DB162 **Dry Lining** 35mm DB2547

*Special order product, minimum order quantity and lead time applies

TV Outlets



- Clear terminal markings
- Suitable for standard co-axial BS 3041 plugs

TV Outlets

8591	Single co-axial isolated
8592*	TV/FM (DAB)/satellite diplexer
8593*	TV/F type
8594*	TV/FM (DAB)/satellite triplexer



8591CHW 8592SSW



8593WHW 8594CHW

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547

Blank Plates

- In compliance with BS 5733

Blank Plates

8561	1 gang
8562	2 gang



8561CH 8561SS 8561WH



8562CH 8562WH

Back Boxes minimum recommended depth
1g Flush 35mm DB164 **Dry Lining** 35mm DB2540
2g Flush 35mm DB165 **Dry Lining** 35mm DB2541

Data Plates

- Accepts standard 50x25mm modules

Data Plates

8586	One module
8587	Two module
8589	Four module



8586CHW 8587SSW 8589CHW

Back Boxes minimum recommended depth depending on modules and cable sizes
1g Flush 35mm DB164 **Dry Lining** 35mm DB2547
2g Flush 35mm DB165 **Dry Lining** 35mm DB2548

Full range of Euro Modules, see page 108



Euro Modules

Euro Modules provide the flexible platform that caters for bespoke installation requirements.

Power, Telephone, Data and TV modules are available in white or black finishes with accompanying media plates supplied across all Deta wiring accessory ranges.

Euro modules are easy to install and simply push fit into media plates, providing a versatile solution for residential, commercial or industrial applications.

Modules

- 2-year guarantee for USB charging, telephone, data and TV modules
- 25-year guarantee for power modules

USB Charging Modules

S1445 USB charging outlet - 2 x 1A

Back Boxes must be 35mm deep

Power Modules

S1446* 13A socket

S1447* 16A 250V German socket

S1448* 15A 125V American socket

S1449* 16A 250V French socket

Back Boxes must be 35mm deep

Telephone Modules

S1430 Single master

S1431 Single secondary

S1432 RJ11

Data Modules

S1433 RJ45

S1434 Cat 6

TV Modules

S1435 Co-axial male

S1436 Co-axial female "return"

S1442 Co-axial female "TV"

S1437 F Type

S1438 TV/FM (DAB) diplexer

S1439 TV/FM (DAB)/satellite triplexer

S1440 TV/FM (DAB)/satellite quadplexer

S1441 HDMI

Blank and Brush Modules

S1425 Brush cable outlet - 2 module

S1428 Blank - 1/2 module

S1429 Blank - 1 module

Data modules also available in black. Please add suffix BK to catalogue no. e.g. S1428BK.



S1445



S1446



S1447



S1448



S1449



S1430



S1431



S1432



S1433



S1434



S1435



S1436



S1442



S1437



S1438



S1439



S1440



S1441



S1425



S1428



S1429

Power Modules need to be installed in accordance with the current edition of the wiring regulations (BS7671 IET Wiring Regulations).
ELV Modules and Power Modules must not be mixed in the same compartment.

*Special order product, minimum order quantity and lead time applies



Gridswitch

Gridswitch offers a flexible switch management solution for commercial and domestic applications.

Frontplates are available in all Deta wiring accessory ranges and finishes, with sizes ranging from 1 gang up to 24 gang, providing a versatile solution for the most demanding projects.

An extensive range of modules including switches (10A, 20A, double pole, key and marked), dimmers, fuses, neons and accessories, available in plastic and metal finishes.



GUARANTEE
(unless otherwise stated)



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Product Features

- ▲ PACKED IN ITS OWN PROTECTIVE BAG
- ▲ GRID FRAMES ARE SUPPLIED SEPARATELY
- ▲ FIXING SCREWS IN BAGS, ATTACHED TO REAR OF PLATES TO PREVENT SCRATCHING
- ▲ A COMPREHENSIVE RANGE OF FRONT LOADING SNAP IN MODULES

Gridswitch offers a wealth of features across the range to ensure that installation is carried out with the minimum of effort.

All modules have clear terminal markings and are front loading so they simply clip in place, which means they can easily be upgraded or replaced without the need to remove the mounting grid frame.

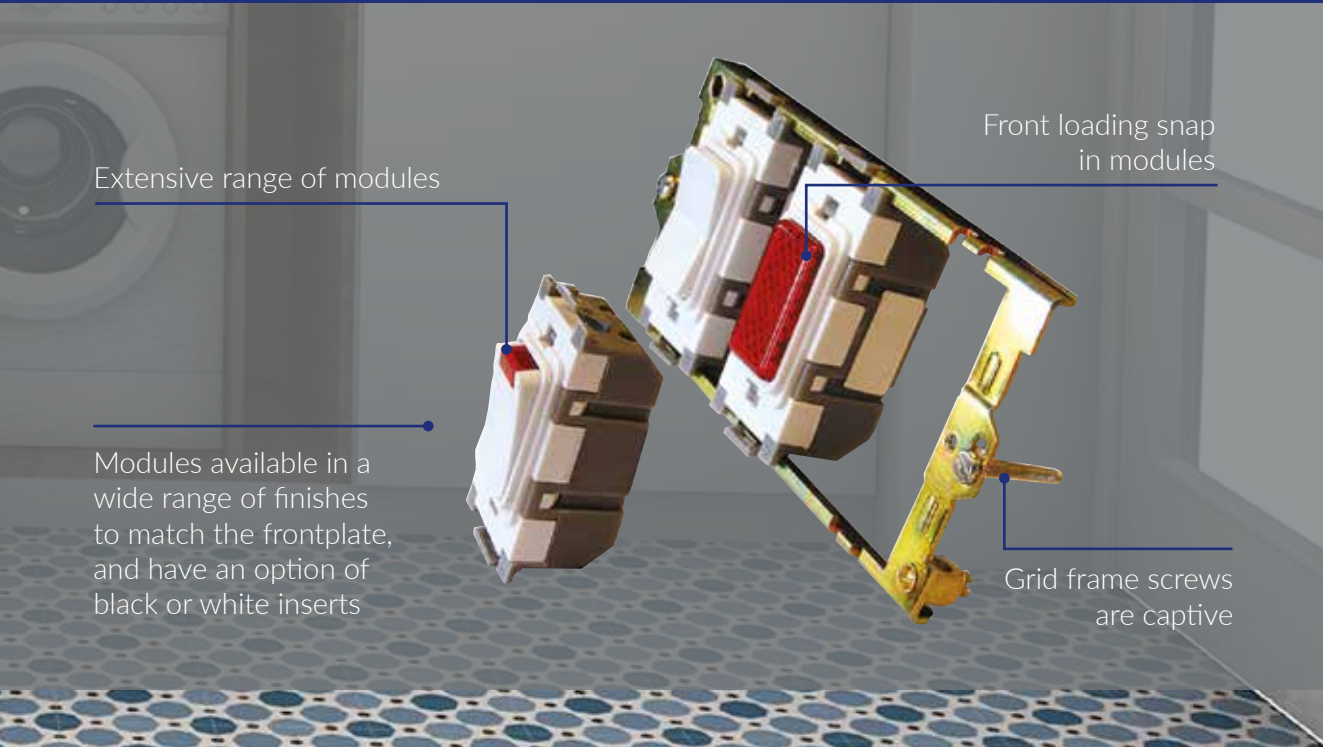
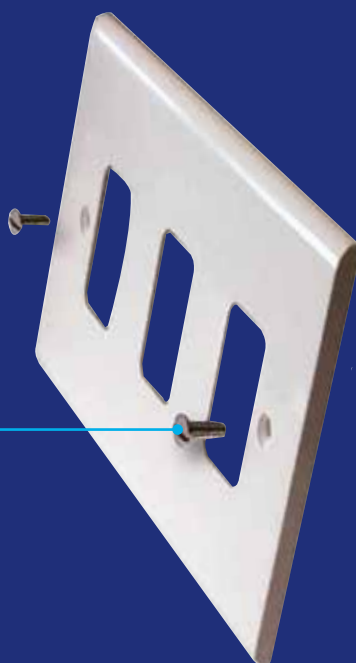
For larger frontplates, Deta back boxes have been designed deeper for ample wiring room, for example the back box for a 24 gang plate is 60mm deep.



Frontplates available in all Deta wiring accessory ranges in a choice of finishes

Frontplates from 1 gang to 24 gang sizes

Matching screws on decorative frontplates

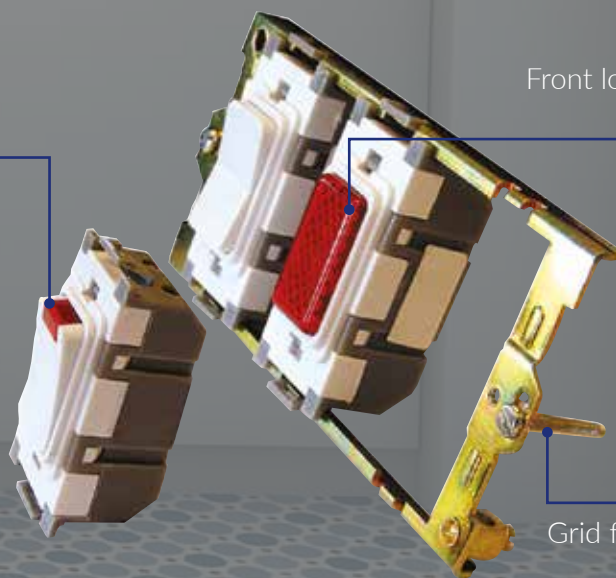


Extensive range of modules

Modules available in a wide range of finishes to match the frontplate, and have an option of black or white inserts

Front loading snap in modules

Grid frame screws are captive

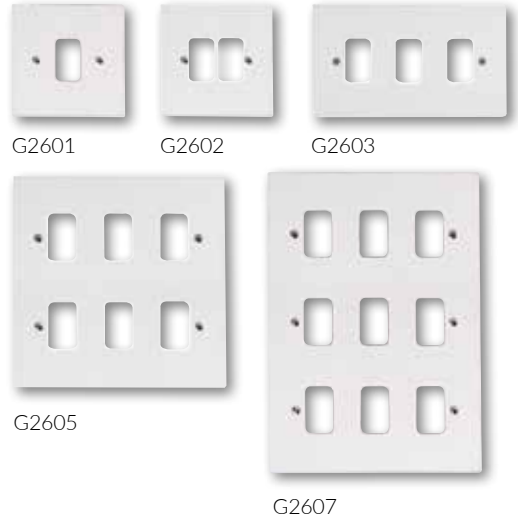


Vimark

- 1 gang to 12 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Vimark

G2601	1 gang
G2602	2 gang
G2603	3 gang
G2604	4 gang
G2605	6 gang
G2606	8 gang
G2607*	9 gang
G2608*	12 gang

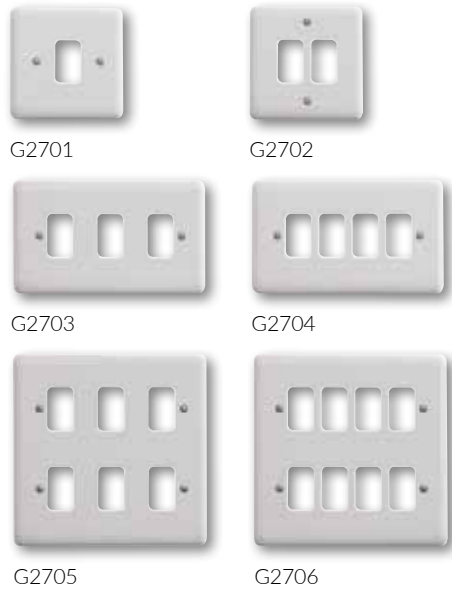


Vimark Curve

- 1 gang to 8 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Vimark Curve

G2701	1 gang
G2702	2 gang
G2703	3 gang
G2704	4 gang
G2705	6 gang
G2706	8 gang



Back Boxes

A wide range of back boxes are available, please see the Selection Chart on pages 128-129. We recommend using the deepest back box available to give the most amount of wiring space. Boxes for 6g up to 24g have both 20mm and 25mm knockouts.

*Special order product, minimum order quantity and lead time applies

Vimark Evo

- 1 gang to 8 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Vimark Evo

G2801	1 gang
G2802	2 gang
G2803	3 gang
G2804	4 gang
G2805	6 gang
G2806	8 gang

Finishes

Chrome and Stainless Steel finishes are available. When ordering, please indicate preference by adding suffix CH (Chrome) or SS (Stainless Steel)



G2801CH



G2802SS



G2803SS



G2804CH



G2805CH



G2806SS

Vimark Metalclad

- 1 gang to 24 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Vimark Metalclad

G3321	1 gang
G3322	2 gang
G3323	3 gang
G3324	4 gang
G3325	6 gang
G3326	8 gang
G3327	9 gang
G3328	12 gang
G3329*	18 gang
G3330*	24 gang



G3321



G3322



G3323



G3324



G3325



G3326



G3328

Slimline

- 1 gang to 24 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Slimline

G3301	1 gang
G3302	2 gang
G3303	3 gang
G3304	4 gang
G3305	6 gang
G3306	8 gang
G3307	9 gang
G3308	12 gang
G3309*	18 gang
G3310*	24 gang



G3301

G3302



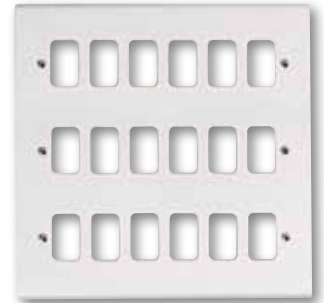
G3304



G3305



G3307



G3309

Slimline Part M

- 1 gang to 8 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Slimline Part M

G3391	1 gang
G3392	2 gang
G3393	3 gang
G3394	4 gang
G3395	6 gang
G3396	8 gang



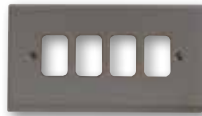
G3391



G3392



G3393



G3394



G3395



G3396

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on pages 128-129. We recommend using the deepest back box available to give the most amount of wiring space. Boxes for 6g up to 24g have both 20mm and 25mm knockouts.

*Special order product, minimum order quantity and lead time applies

Slimline Screwless

- 1 gang to 8 gang sizes
- Grid frames supplied with grid plate
- In compliance with BS 5733

Slimline Screwless

G3371	1 gang
G3372	2 gang
G3373	3 gang
G3374	4 gang
G3375	6 gang
G3376	8 gang

Finishes

Chrome and White finishes are available. When ordering, please indicate preference by adding suffix CH (Chrome) or WH (White)

Grid Frames

Slimline Screwless frontplates are supplied with grid frames



G3371WH



G3372CH



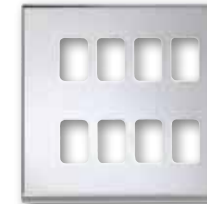
G3374WH



G3374CH



G3375WH



G3376CH

Slimline Décor

- 1 gang to 12 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Slimline Décor

G3421	1 gang
G3422	2 gang
G3423	3 gang
G3424	4 gang
G3425	6 gang
G3426	8 gang
G3427	9 gang
G3428	12 gang

Finishes

Chrome and Stainless Steel finishes are available. When ordering, please indicate preference by adding suffix CH (Chrome) or SS (Stainless Steel)



G3421WH



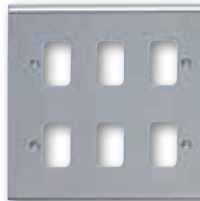
G3422WH



G3423WH



G3424WH



G3425CH



G3426WH

Ultra Flatplate

- 1 gang to 8 gang sizes
- Grid frames supplied separately, see page 126
- In compliance with BS 5733

Ultra Flatplate

G3311	1 gang
G3312	2 gang
G3313	3 gang
G3314	4 gang
G3315	6 gang
G3316	8 gang

Finishes

Chrome and Stainless Steel finishes are available. When ordering, please indicate preference by adding suffix CH (Chrome) or SS (Stainless Steel)



G3311CH G3312SS



G3313SS G3314SS



G3315CH

Ultra Screwless

- 1 gang to 8 gang sizes
- Grid frames supplied with grid plate
- In compliance with BS 5733

Ultra Screwless

G3381	1 gang
G3382	2 gang
G3383	3 gang
G3384	4 gang
G3385	6 gang
G3386	8 gang

Finishes

Chrome, Stainless Steel and White finishes are available. When ordering, please indicate preference by adding suffix CH (Chrome), SS (Stainless Steel) or WH (White)

Grid Frames

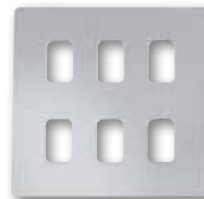
Ultra Screwless frontplates are supplied with grid frames



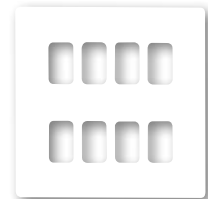
G3381CH G3382SS G3383WH



G3384SS



G3385CH



G3386WH

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on pages 128-129. We recommend using the deepest back box available to give the most amount of wiring space. Boxes for 6g up to 24g have both 20mm and 25mm knockouts.

*Special order product, minimum order quantity and lead time applies

10A Single Pole

- Curved rockers
- Front loading into grid frame
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font marking
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

10 Amp - White

G3501	1-way
G3502	2-way
G3503	2-way 'PRESS'

10 Amp - Black

G3502BK	2-way
G3503BK*	2-way 'PRESS'

10 Amp - Chrome & Stainless Steel**

G3502	2-way
G3503*	2-way 'PRESS'

10 Amp - Red Rocker

G3503RD*	2-way 'PRESS' - white
G3503RDB*	2-way 'PRESS' - black



**Chrome and Stainless Steel finishes available with either black or white inserts. When ordering, please indicate finish and insert preference by adding suffix CH (Chrome) or SS (Stainless Steel) and B (Black) or W (white) to catalogue no e.g. G3502CHW

20A Single Pole

- Curved rockers
- Front loading into grid frame
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Integral neon has flying leads so it can be wired as an indicator or a locator depending on load
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

20 Amp - White

G3511	1-way
G3512	2-way
G3525*	2 way integral neon locator
G3513	Intermediate
G3516	2-way and off retractive
G3517	2-way and off latching

20 Amp - Black

G3512BK	2-way
G3513BK*	Intermediate
G3516BK*	2-way and off retractive
G3517BK*	2-way and off latching

20 Amp - Chrome & Stainless Steel**

G3512	2-way
G3513	Intermediate
G3516	2-way and off retractive

20 Amp - Red Rocker

G3512RD	2 way - white
G3512RDB*	2 way - black

**Chrome and Stainless Steel finishes available with either black or white inserts. When ordering, please indicate finish and insert preference by adding suffix CH (Chrome) or SS (Stainless Steel) and B (Black) or W (white) to catalogue no e.g. G3512CHW



*Special order product, minimum order quantity and lead time applies

20A Double Pole

- Curved rockers
- Front loading into grid frame
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

20 Amp - White

G3514	Double pole
G3515	Neon in rocker
G3519	Push to make
G3520	Push to break

20 Amp - Black

G3514BK	Double pole
G3515BK	Neon in rocker
G3519BK	Push to make
G3520BK	Push to break

20 Amp - Chrome & Stainless Steel**

G3514	Double pole
G3515	Double pole neon in rocker

20 Amp - Red Rocker

G3514RD	Double pole - white
G3514RDB*	Double pole - black



G3514



G3515



G3519



G3520



G3514BK



G3515BK



G3519BK



G3520BK



G3514CHW



G3515SSW



G3514RD



G3514RDB

**Chrome and Stainless Steel finishes available with either black or white inserts. When ordering, please indicate finish and insert preference by adding suffix CH (Chrome) or SS (Stainless Steel) and B (Black) or W (white) to catalogue no e.g. G3514CHW

20A Double Pole Marked

- Curved rockers
- Front loading into grid frame
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font marking
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

20 Amp - White & Black

G3551	Oven
G3552	Hob
G3553	Extractor fan
G3554	Washing machine
G3555	Tumble dryer
G3556	Dishwasher
G3557	Fridge
G3558	Freezer
G3559	Boiler
G3560	Cooker hood
G3561	Microwave
G3562	Fridge freezer
G3563	Heater
G3564	Waste disposal
G3565	Fan boost
G3566	Warming drawer
G3567	Wine cooler



Also available in black, please add suffix BK to catalogue no e.g. G3551BK

20 Amp - Chrome & Stainless Steel**

G3551	Oven
G3552	Hob
G3553	Extractor fan
G3554	Washing machine
G3555	Tumble dryer
G3556	Dishwasher
G3557	Fridge
G3558	Freezer
G3559	Boiler
G3560	Cooker hood
G3561	Microwave
G3562	Fridge freezer
G3563	Heater
G3564	Waste disposal
G3565	Fan boost
G3566	Warming drawer
G3567	Wine cooler



**Chrome and Stainless Steel finishes available with either black or white inserts. When ordering, please indicate finish and insert preference by adding suffix CH (Chrome) or SS (Stainless Steel) and B (Black) or W (white) to catalogue no e.g. G3551CHW

20A Double Pole Marked with Neon

- Curved rockers
- Front loading into grid frame
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font marking
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1

20 Amp - White & Black

G3571	Oven
G3572	Hob
G3573	Extractor fan
G3574	Washing machine
G3575	Tumble dryer
G3576	Dishwasher
G3577	Fridge
G3578	Freezer
G3579	Boiler
G3580	Cooker hood
G3581	Microwave
G3582	Fridge freezer
G3583	Heater
G3584	Waste disposal
G3585	Fan boost
G3586	Warming drawer
G3587	Wine cooler

Also available in black, please add suffix BK to catalogue no e.g. G3585BK



G3571BK



G3572



G3573



G3574



G3575



G3576BK



G3577



G3578



G3579



G3580



G3581BK



G3582



G3583



G3584



G3585



G3586



G3587

Key Switch

- Every switch supplied with a key
- 'Emergency Lighting Test' modules
- Front loading into grid frame
- Only one size 4mm screwdriver needed
- Switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Grey font marking
- In compliance with BS EN 60669-1

20 Amp - White

G3532	2-way
G3533	Intermediate
G3534	Double pole
G3536	2-way "Emg Lgt Test"
G3537	2-way biased 1-way
G3538*	Dishwasher

20 Amp - Black

G3532BK*	2-way
G3533BK*	Intermediate
G3534BK*	Double pole
G3536BK*	2-way "Emg Lgt Test"
G3537BK*	2-way biased 1-way
G3538BK*	Dishwasher

20 Amp - Red

G3534RD*	Double pole
-----------------	-------------



*Special order product, minimum order quantity and lead time applies

Dimmers

- Universal dimmers for use with dimmable LED, incandescent and halogen lamps
- Suitable for loads up to 250W LED, 350W incandescent and halogen
- Please refer to Technical Section on pages 348-349 for further information on dimming loads
- Rotary push on/push off dimmers for multiway dimming
- Electronic programming with EPROM memory chip
- Clear terminal markings
- Spare dimmer knobs available
- In compliance with BS EN 60669-2-1

White

G3526 Multiway dimming

Black

G3526BK Multiway dimming

Chrome & Stainless Steel

G3526VARB Multiway dimming - black insert

G3526VARW Multiway dimming - white insert



Dimmer Modules

The quantity and maximum rating of dimmers fitted into a frontplate has to be limited to allow for heat dissipation.

Accessories

- Front loading into grid frame
- Clear terminal markings
- Only one size 4mm screwdriver needed
- In compliance with BS 5733 and BS 1362

White

G3541 Flex outlet
G3542 Fuse unit - 13 Amp
G3544 Blank module

Black

G3541BK Flex outlet
G3542BK Fuse unit - 13 Amp
G3544BK Blank module

Chrome & Stainless Steel**

G3542 Fuse unit
G3544 Blank module



**Chrome and Stainless Steel finishes available with either black or white inserts. When ordering, please indicate finish and insert preference by adding suffix CH (Chrome) or SS (Stainless Steel) and B (Black) or W (white) to catalogue no e.g. G3544CHW

Neons

- Front loading into grid frame
- Clear terminal markings
- Only one size 4mm screwdriver needed
- In compliance with BS 5733

White

- G3543RD** Red, mains voltage
- G3543AM** Amber, mains voltage
- G3543GR** Green, mains voltage

Black

- G3543RDB*** Red, mains voltage
- G3543AMB*** Amber, mains voltage
- G3543GRB*** Green, mains voltage



Frames

- 1, 2, 3, 4 and 6 gang
- 415V warning label is supplied with 3, 4 and 6 gang grid frames
- All grid frames have large earth terminals

Grid Frames

- G3401** 1 module - for 1 gang plate
- G3402** 2 modules - for 2 gang plate
- G3403** 3 modules - for 3, 6 or 9 gang plate
- G3404** 4 modules - for 4, 8 or 12 gang plate
- G3406** 6 modules - for 18 or 24 gang plate



*Special order product, minimum order quantity and lead time applies

Back Boxes

- Metal Boxes available for flush mounting
- Pattress Boxes available for surface mounting
- Range of Metalclad Boxes available for Vimark Metalclad Frontplates

Metal Boxes - Flush

DB164	1/2 gang 35mm deep
DB165	3/4 gang 35mm deep
DB171	6/8 gang 42mm deep
DB172	9/12 gang 42mm deep
DB173	18 gang 60mm deep
DB174*	24 gang 60mm deep

Pattress Boxes - Surface for Slimline and Vimark

V1222	1/2 gang 33mm deep
V1224	3/4 gang 33mm deep

Pattress Boxes - Surface for Vimark Curve

VC1222	1/2 gang 33mm deep
VC1224	3/4 gang 33mm deep

Metalclad Boxes

M1228	1/2 gang 41mm deep
M1228N	1/2 gang 41mm deep - no knockout
M1229	3/4 gang 41mm deep
M1229N	3/4 gang 41mm deep - no knockout
M1230	6/8 gang 42mm deep
M1231	9/12 gang 42mm deep
M1232*	18 gang 60mm deep
M1233*	24 gang 60mm deep



DB164



DB165



M1228



M1229

Mounting Boxes

Knockouts	DB164	DB165	DB171	DB172	DB173	DB174*
20mm	6	8	4	5	7	8
25mm	2	4	4	5	7	8
Dimensions (mm)	72x72x35	132x72x35	132x132x42	132x192x42	192x192x60	192x250x60











Knockouts	M1228	M1229	M1230	M1231	M1232*	M1233*
20mm	5	8	4	6	7	8
25mm	-		4	6	7	8
Dimensions (mm)	78x78x41	136x78x41	136x136x42	136x197x42	197x197x60	197x258x60

Selection Chart

- For flush installations it is recommended to use as deep a back box as possible and to use metal boxes rather than dry lining boxes
- Ultra Flatplate and Slimline Décor coverplates are supplied with gaskets

Cover plates		Grid Plates						
		Vimark	Vimark Curve	Vimark Evo	Vimark Metalclad	Slimline	Slimline Part M	Slimline Screwless
1		G2601	G2701	G2801	G3321	G3301	G3391	G3371
2		G2602	G2702	G2802	G3322	G3302	G3392	G3372
3		G2603	G2703	G2803	G3323	G3303	G3393	G3373
4		G2604	G2704	G2804	G3324	G3304	G3394	G3374
6		G2605	G2705	G2805	G3325	G3305	G3395	G3375
8		G2606	G2706	G2806	G3326	G3306	G3396	G3376
9		G2607*			G3327	G3307		
12		G2608*			G3328	G3308		
18					G3329*	G3309*		
24					G3330*	G3310*		

*Special order product, minimum order quantity and lead time applies

			Grid Frames	Mounting Boxes				
Slimline Décor	Ultra Flatplate	Ultra Screwless		Flush	Surface			
					Vimark	Vimark Curve	Vimark Metalclad	Slimline and Slimline Screwless
G3421	G3311	G3381	 1 x G3401	DB164	V1222	VC1222	M1228 M1228N	V1222
G3422	G3312	G3382	 1 x G3402	DB164	V1222	VC1222	M1228 M1228N	V1222
G3423	G3313	G3383	 1 x G3403	DB165	V1224	VC1224	M1229 M1229N	V1224
G3424	G3314	G3384	 1 x G3404	DB165	V1224	VC1224	M1229 M1229N	V1224
G3425	G3315	G3385	 2 x G3403	DB171			M1230	
G3426	G3316	G3386	 2 x G3403	DB171			M1230	
G3427			 3 x G3403	DB172			M1231	
G3428			 3xG3404	DB172			M1231	
			 3 x G3406	DB173			M1232	
			 4 x G3406	DB174			M1233	



Ceiling Accessories

Ceiling Accessories include a wide range of high quality pendants, battens, lamp holders and ceiling switches, offering durability, reliability and ease of installation for any domestic or commercial application.





Contents

Ceiling Rose & Lamp Holder	134
Standard Pendants	134
Pendant & Battens with Cover	134
Safety Pendant & Battens with Cover	135
Ceiling Switches	135
Junction Boxes	135



Product Features

Ceiling Accessories offer a wealth of features to ensure that installation is fast and effortless.

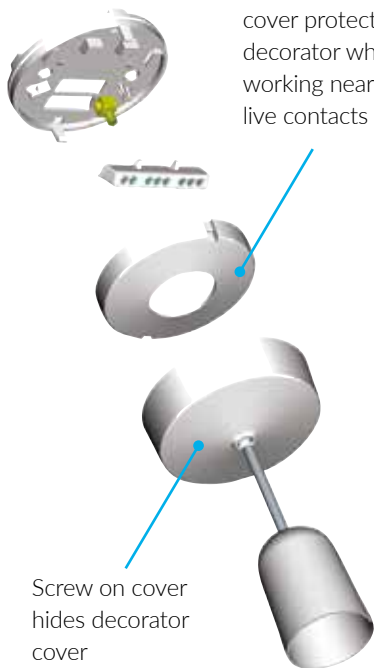
Pendants and battens are offered with or without a unique patented clip on “Decorator Cover” which shields live wires and terminals in the ceiling rose, making it safe for decoration to be carried out quickly and easily before the outer cover is screwed into position.

Safety lamp holders have a unique shutter action which retracts and shields the contact pins when a lamp is removed, providing complete protection and safety from live contacts. Safety pendants and battens are supplied complete with a “Decorator Cover” as standard.



Decorator Cover

Decorator cover protects decorator when working near live contacts



Screw on cover hides decorator cover

Safety Lamp Holder

Clip-on cover requires tool to gain access

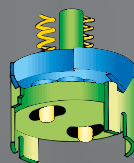
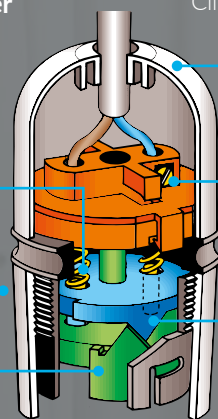
Pin tension springs

Shade skirt

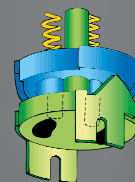
Rotating pin shield

Static terminal block

Static pin guide



Mechanism with lamp inserted



Mechanism with lamp removed

Ceiling Rose and Lamp Holder

- 3 in-line terminals and earth terminal in ceiling rose
- T2 rated lamp holder with short skirt
- In compliance with BS EN 61184, BS 67

Ceiling Rose

V1299 Ceiling rose

Lamp Holder

91WSST2 Lamp holder



Standard Pendants

- T2 rated lamp holder with short skirt
- In compliance with BS EN 61184, BS 67

Standard Pendants

V1280 6" Pendant
V1283 9" Pendant



Pendant and Battens with Decorator Cover

- T2 rated lamp holder with short skirt
- Decorator Safety Cover
- In compliance with BS EN 61184, BS 67
- Patent application pending

Pendant with Decorator Cover

V1278 6" Pendant

Batten Holder with Decorator Cover

V1289 Straight batten holder - home office skirt
97HOT2 Angled batten holder - home office skirt



Safety Pendant and Battens with Decorator Cover

- Contact pins retractable when lamp is removed ensuring safety
- Decorator Safety Cover
- T2 rated lamp holder with short skirt
- B22 bayonet lamp holder
- 3 terminals in ceiling rose
- In compliance with BS EN 61184, BS 67

Safety Pendant with Decorator Cover

S1066T2 6" Safety pendant

Safety Batten Holder with Decorator Cover

S96HOT2 Safety straight batten holder - home office skirt

S97HOT2 Safety angled batten holder - home office skirt



S1066T2

S96HOT2

S97HOT2

Ceiling Switches

- 1.5m cord drop
- In compliance with BS EN 60669-1

Ceiling Switches

V1297 10A 2-way

V1298 50A Double pole with neon



V1297

V1298

Junction Boxes

- Large brass terminals for easy access and greater cable entry
- Additional cable breakout gives outer cable entry depth of up to 15mm
- Selective cable entry
- 4 and 3 terminal version 75mm diameter
- 6 terminal version 90mm diameter

Junction Boxes

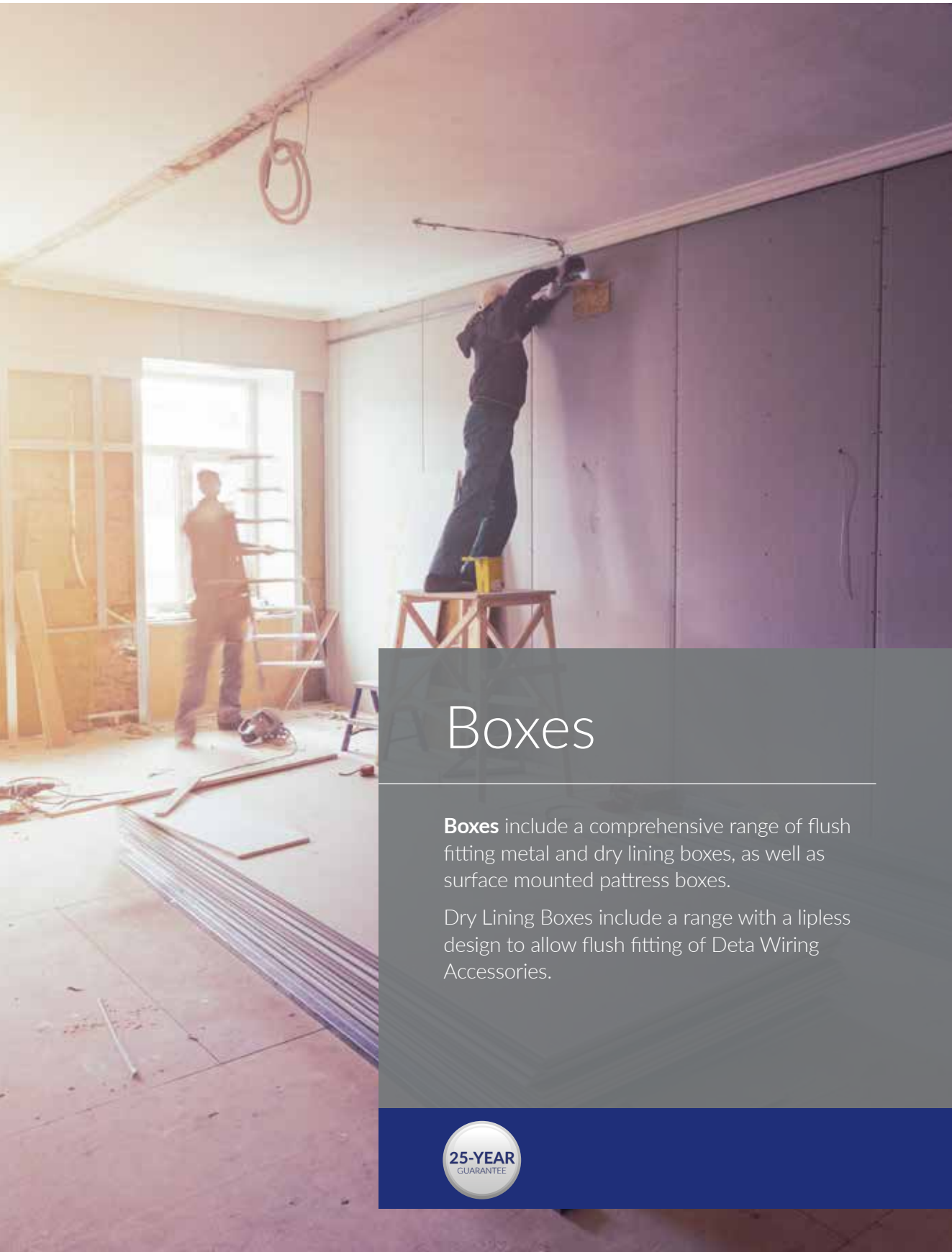
PPJC204W Junction box 20A - 4 terminal

PPJC206W Junction box 20A - 6 terminal

PPJC303W Junction box 30A - 3 terminal



PPJC204W



Boxes

Boxes include a comprehensive range of flush fitting metal and dry lining boxes, as well as surface mounted pattress boxes.

Dry Lining Boxes include a range with a lipless design to allow flush fitting of Deta Wiring Accessories.



Vimark Pattress Boxes

- Surface mounted
- Urea moulded pattress boxes
- Square corners to match Vimark and Slimline accessories
- In compliance with BS 5733

Vimark Pattress Boxes

V1220E	1 gang 16mm deep with earth terminal
V1221	1 gang 25mm deep
V1223	2 gang 25mm deep
V1222	1 gang 33mm deep
V1224	2 gang 33mm deep
V1225	1+1 gang 25mm deep - for two 1 gang accessories
V1226	1+1 gang 33mm deep - for two 1 gang accessories
V1228	1 gang 45mm deep
V1229	2 gang 45mm deep
V1231	Single to twin conversion box - 25mm deep
V1324	1 gang 16mm deep architrave with earth terminal
V1325*	2 gang 16mm deep architrave with earth terminal



V1220E

V1221

V1223



V1225

V1228



V1229

V1231

Vimark Curve Pattress Boxes

- Surface mounted
- Urea moulded pattress boxes
- Rounded corners to match Vimark Curve accessories
- 2g pattress boxes can be used as single flush to a 2g surface conversion box
- In compliance with BS 5733

Vimark Curve Pattress Boxes

VC1220E	1 gang 16mm deep with earth terminal
VC1221	1 gang 25mm deep
VC1223	2 gang 25mm deep
VC1222	1 gang 33mm deep
VC1224	2 gang 33mm deep
VC1228	1 gang 45mm deep
VC1229	2 gang 45mm deep



VC1220E

VC1221

VC1223



VC1222

VC1224



VC1228

VC1229

*Special order product, minimum order quantity and lead time applies

Dry Lining Boxes

- Flush mounted
- Suitable for plaster board thickness of 4-20mm
- In compliance with BS 4662

Dry Lining Boxes

- DB2540 1 gang 35mm deep
- DB2541 2 gang 35mm deep
- DB2542 1 gang 46mm deep
- DB2543 2 gang 46mm deep
- DB2544 Round 34mm deep, 62mm diameter (excluding lip) including 'two knockouts' for use with round ceiling accessories and smoke alarms
- DB2545 1+1 gang 35mm deep - for two 1 gang accessories
- DB2546 2+1 gang 35mm deep - for one 2 gang accessory and one 1 gang accessory



DB2541



DB2542



DB2543



DB2544



DB2545



DB2546

Dry Lining Boxes - Flush Fitting

- Flush mounted
- Suitable for plaster board thickness of 4-20mm
- Lipless design allows for flush fitting of Deta wiring accessories
- Recommended for Ultra Flatplate and Ultra Screwless accessories
- In compliance with BS 4662

Dry Lining Boxes - Flush Fitting

- DB2547 1 gang 35mm deep
- DB2548 2 gang 35mm deep



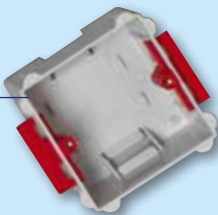
DB2547



DB2548

Unique Product Feature

Unique lipless design



Allows flush fitting of Deta Wiring Accessories

Dry Lining Boxes - cut out	
1g	75mm x 75mm
2g	135mm x 75mm
Dual	161mm x 75mm
2+1g	221mm x 75mm
Round	63mm Dia.

Metal Boxes

- Flush mounting
- Adjustable lug
- DB169 has 16mm knockouts
- 25mm deep boxes have 20mm knockouts
- 35mm and 47mm deep boxes have 20mm and 25mm knockouts
- In compliance with BS 4662

Metal Boxes

DB152	1 gang 16mm deep - oval entry
DB162	1 gang 25mm deep
DB163	2 gang 25mm deep
DB164	1 gang 35mm deep
DB165	2 gang 35mm deep
DB166	1+1 gang 35mm deep - for two 1 gang accessories
DB167	1 gang 47mm deep
DB168	2 gang 47mm deep
DB169	1 gang 27mm architrave fixed lugs - 16mm knockouts
DB170	2+1 gang 35mm deep - for one 2 gang accessory and one 1 gang accessory
DB184	Media plate box 250mm x 192mm x 40mm



DB152

DB162

DB163



DB164

DB165

DB169



DB184

DB166



DB167

DB170

Full range of Grommets, see page 197

deta[^]

Installation Materials

A range of installation materials for the professional electrician...

See pages 188 - 197



CABLE CLIPS



CABLE CLEATS



CABLE TIES



P CLIPS & SADDLES



CABLE GLANDS



GROMMETS



Circuit Protection

Deta's **Protect**⁺ Circuit Protection range provides a high quality and versatile solution for any domestic installation, whilst offering home occupiers maximum protection against short circuits, circuit overloads and residual earth leakage within the home.

The range meets the requirements of the 18th Edition IET Wiring Regulations (BS 7671:2018) and is comprised of safe and stylish enclosures and a wide selection of devices.





Contents





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RCBOs Type A/Type B Curve	147
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Circuit Protection

RCD selection

A Residual Current Device (RCD) is a device that breaks an electrical circuit to prevent serious harm from an electric shock, providing a level of personal protection. There are a number of different RCDs available and selecting the appropriate device depends on the application that it is being used to protect.

RCDs react differently depending on the presence of DC residual currents and frequencies which occur for example in installations that feed electric vehicle chargers or solar panels. For guidance on the different types of RCD generally available and the currents and applications these support, please refer to the table below.

RCD Type	AC Currents	DC Currents	Applications
Type AC 	Alternating sinusoidal residual current	N/A	General purpose use
Type A 		Residual pulsating direct current applications up to 6mA	As Type AC as well as equipment incorporating electronic components
Type F 		Residual pulsating direct current applications up to 10mA	As Type A as well as equipment incorporating frequency controlled speed drives
Type B 		Smooth direct current applications up to 0.4 times the rated residual current (I _{Δn}) or 10mA, whichever is the greater	As Type F as well as electric vehicle chargers, PV supplies

Overload protection

When deciding the current rating of an RCD, consideration should be given to the rating of the OCPD (over current protective device) and not just on applying diversity factors to the downstream circuits (536.4.202).

Consideration should also be given to whether additional circuits will be added in the future as this will change the design current of the original electrical installation.

Consumer unit designs where the current ratings of the Main Switch and RCD are equal to or greater than the service cut-out OCPD will ensure the regulation requirement is met

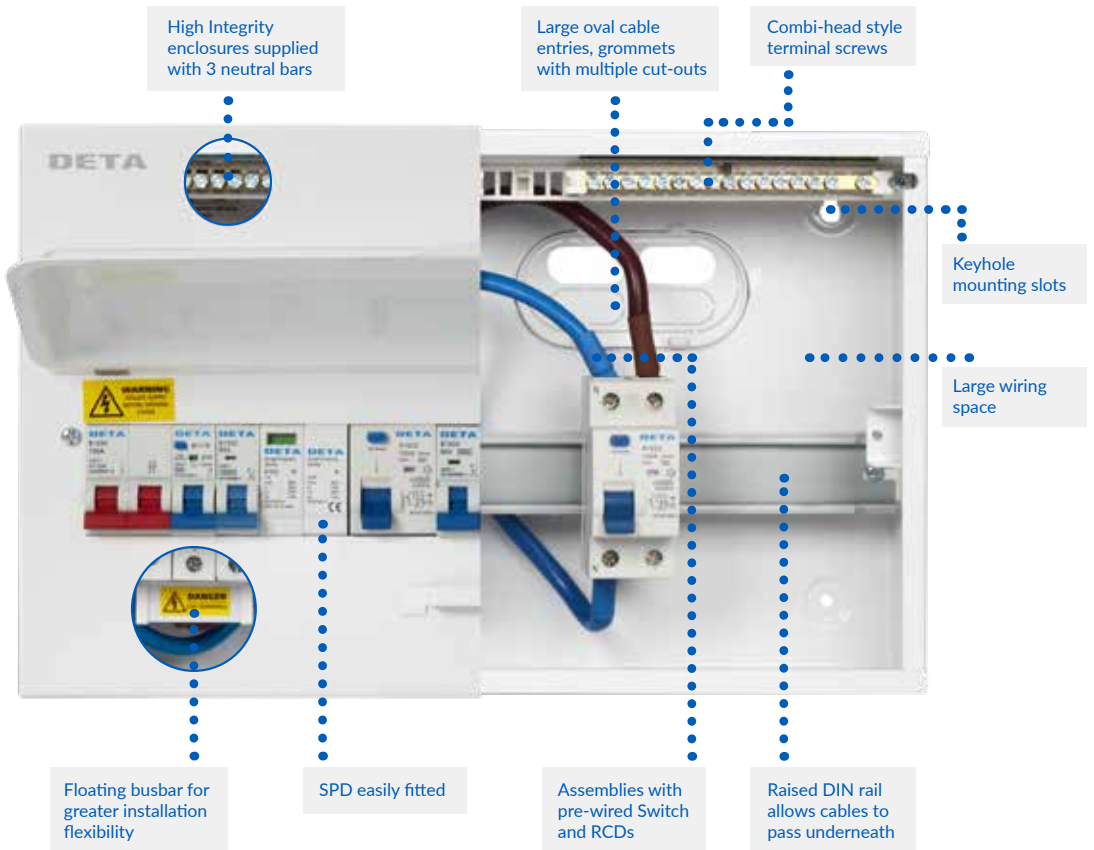
Surge protection

Electronic equipment can be easily damaged by transient over voltages of atmospheric origin (e.g. lightning strikes) or switching over voltages generated by equipment within the installation. Protection of equipment is required where the consequence of it being damaged could:

- Interrupt public services and/or damage cultural heritage
- Interrupt commercial or industrial activity
- Affect a large number of co-located individuals

A Surge Protection Device (SPD) provides protection against transient over voltages which can result in premature aging or destruction of electronic equipment. These devices are strongly recommended for installations exposed to transient over voltages where sensitive and expensive electronic equipment is installed.





Lockable lid

A lock can be installed on the hinged lid of the enclosure to prevent unauthorised access to circuits during construction. When building works are completed, the lock can be removed and replaced with the supplied blanking cap.

Configurable

High Integrity enclosures can be easily adapted by sliding the RCD along the DIN rail, making them suitable for any domestic installation.



Mains Switch Enclosures

- 100A Mains Switch
- Lockable lid (lock available separately)
- Supplied with circuit identification label sheet
- In compliance with BS EN 61439-3 and 18th Edition IET Wiring Regulations

Surface Mounted Mains Switch

BV0003	12 module, 10 free ways
BV0004	16 module, 14 free ways



BV0003

High Integrity Enclosures

- 100A Mains Switch and 2 x 100A 30mA Type A RCDs
- Lockable lid (lock available separately)
- Supplied with circuit identification label sheet
- In compliance with BS EN 61439-3 and 18th Edition IET Wiring Regulations

Surface Mounted High Integrity

BV2034	16 module, 10 free ways, 2+4+4
BV2035	18 module, 12 free ways, 2+5+5
BV2036	22 module, 16 free ways, 2+7+7
BV2038*	32 module dual row, 26 free ways, 4+8+14



BV2034

Flush Mounted High Integrity

BV2134*	16 module, 10 free ways, 2+4+4
BV2135*	18 module, 12 free ways, 2+5+5
BV2136*	22 module, 16 free ways, 2+7+7

Shower Unit and Garage Unit

- Shower Unit populated with 63A 30mA Type AC RCD and 50A MCB
- Garage Units populated with 63A 30mA Type AC RCD and 1 x 32A MCB + 1 x 6A MCB
- IP65 enclosure has cable entries on all side walls
- In compliance with BS EN 61439-3 and IET Wiring Regulations

Shower Unit

BV1092	3 Module, IP65
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Garage Unit

BV1081	4 Module, IP40
BV1086	4 Module, IP65



BV1092



BV1081



BV1086

RCD Type A

- Type A RCDs provide protection for general purpose applications as well as equipment incorporating electronic components
- 30mA tripping current
- Double pole
- 2 module width
- In compliance with IEC 61008-1



B1622

Type A

B1622 100A 30mA

MCBs

- Single pole miniature circuit breaker
- Type B tripping curve, 6kA rating
- Type C tripping curve, 6kA rating
- 1 module width
- In compliance with IEC 60898-1



B1206

Type B Curve MCB

B1206 6A 6kA
B1210 10A 6kA
B1216 16A 6kA
B1220 20A 6kA
B1232 32A 6kA
B1240 40A 6kA
B1245 45A 6kA
B1250 50A 6kA
B1263 63A 6kA

Type C Curve MCB

B1206C 6A 6kA
B1210C 10A 6kA
B1216C 16A 6kA
B1220C 20A 6kA
B1232C 32A 6kA
B1240C 40A 6kA
B1245C* 45A 6kA
B1250C* 50A 6kA
B1263C* 63A 6kA

*Special order product, minimum order quantity and lead time applies

RCBOs Type A, B Curve

- Double Pole residual current circuit breaker with overload protection
- 30mA tripping current
- 1 module width
- In compliance with IEC 61009-1



B1406

Type A, B Curve RCBO

B1406	6A 30mA 6kA
B1416	16A 30mA 6kA
B1420	20A 30mA 6kA
B1432	32A 30mA 6kA
B1440	40A 30mA 6kA

SPD Kit

- SPD, 2 module width plus 1 module MCB
- Suitable for single phase TNS and TT earthing systems
- Supplied with 32A Type B 10kA MCB for overcurrent protection
- Visual Indication window for normal operation or fault status
- In compliance with BS EN 61643-11



B1951

SPD Type 2 Kit

B1951	SPD type 2 kit
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Accessories

- Blank module - 1 module width
- Lock secures cover to prevent access to circuits
- Additional label sheet



B1704



B1711

Accessories

B1703	Consumer unit door lock
B1704	Label sheet
B1705	High Integrity Conversion Kit
B1706	Oval knockout grommet
B1707	MCB lock (pack of 5)
B1708	Meter tail clamp
B1709	Blanking cap (pack of 10)
B1711	1 module blank plastic din rail mounting
B1713	20A contactor - 2 pole, 1 module
B1714	40A contactor - 2 pole, 2 module
B172108	8-way live bus bar (pack of 5)
B172120	20-way live bus bar (pack of 5)



B1706



Safety Alarms

Deta's **Safety Alarm** range provides a comprehensive solution for detecting fire, carbon monoxide and carbon dioxide levels within domestic properties in accordance with British Standards and Building Regulations.



Contents

Fire Detection Systems	150
Carbon Monoxide Detection	151
Fire and Carbon Monoxide Mains Powered Alarms	152 - 153
Carbon Monoxide Battery Powered Alarm	154
Carbon Dioxide and Temperature Monitor	155

Fire Detection Systems

Design Requirements

Fire detection systems design requirements in domestic premises are laid out in the BS 5839-6.

This code of practice outlines the requirements for the design of fire alarm systems in both new properties and in retrofit properties. The standard details the types of alarm (Grade) and the level of protection (Category) required for specific dwellings.

Grade of Systems

Deta's range of fire alarms can be installed to meet the requirements of grade D1 and D2 installations (see BS5839-6:2019 for full details).

Grade	System	Primary Power	Back Up Power	For Use In	Optical Alarm	Heat Alarm
D1	Integrated System of one or more alarms	Mains Power	Tamper Proof Long Life Battery	Rented or Multiple Occupancy Properties	1164 ¹	1166 ²
D2			Replaceable Battery	Owner Occupied Properties	1163 ¹	1165 ²

¹ Optical Alarms conform to BS EN 14604:2005/AC:2008

² Heat Alarms conform to BS 5446-2:2003

Category of Systems

BS 5839-6:2019 identifies that the level of protection required in domestic properties must relate to fire risk and stipulates where alarms need to be installed. It identifies three distinct categories of protection required (see BS5839-6:2019 for full details).

Grade	Protection Level	Alarm Installation Criteria	Rooms
LD1	High	All circulation areas that form part of an escape route from the premises and in all rooms and areas other than those with negligible sources of ignition such as toilets, bathrooms and shower rooms	Hallways, Landings, Kitchen and Living Rooms, Bedrooms, Airing / Meter Cupboards
LD2	Medium	All circulation areas that form part of an escape route from the premises and in specified areas that present high risk to occupants including any kitchen and principal habitable room	Hallways, Landings, Kitchen and Living Rooms
LD3	Low	All circulation areas that form part of an escape route from the premises	Hallways and Landings

Carbon Monoxide Detection

Carbon Monoxide is a poisonous gas created when fossil fuels go through a combustion process. It is tasteless and odourless and if you are exposed to it in unvented areas, it can have very serious health effects. There are various appliances around the home that can create carbon monoxide. These fossil burning appliances can include boilers, gas fires or portable heaters, your fireplace and even gas cookers. These appliances should be vented correctly

to allow any carbon monoxide to be exhausted into the open atmosphere, taking it safely away. Carbon monoxide is created when the combustion of these fossil fuels is incomplete. To ensure that appliances are working correctly, they should be maintained regularly, preferably annually. The level of carbon monoxide is measured in parts per million (ppm). The maximum allowable concentration for continuous exposure is 35ppm in an 8 hour period.



Know the danger signs

- Staining, sooting or discolouration around the appliance
- A yellow or orange flame where normally blue
- Condensation on walls and windows once the appliance is lit
- Rusting or water streaking on appliance cabinet/vent/chimney
- Loose or disconnected vent/chimney connections or guards



What the regulations say

In England and Wales, the Building Regulations Approved Document J, 2013 edition, calls for carbon monoxide alarms to be provided in the room where a solid fuel appliance is installed, whether it is a new or replacement appliance being installed (clause 2.34). Where properties have flues that are concealed and in voids, inspection hatches need to be fitted, but until this happens CO alarms should be installed in the interim (TB008 Edition 2).

In Scotland, the Building Standards Technical Handbook 2017: Domestic Buildings requires carbon monoxide alarms to be fitted in any room where a new or replacement fixed combustion appliance is installed (excluding an appliance used solely for cooking) and in any room that has a flue running through it (clause 3.20.20).

Positioning of alarms

Alarms should be placed in the same room as the fuel burning appliance, between 1-3m away horizontally. The alarm should also be placed in any room that has a flue running through it.

Alarms should not be positioned in enclosed spaces, for example behind curtains or cupboards, and not next to doorways or windows.

Fire and Carbon Monoxide Mains Powered Alarms



Easy to Install

Easy fix mounting base provides large wiring space, with alarm connected using a fly lead. Alarm head easily detachable, providing access to the battery.



Dust Protection

Foam gasket on base and dust cover on alarm head protects the alarm from dust ingress during building works.



Interlinkable (up to 12 units)

Fire and Carbon Monoxide alarms interlink to form one integrated alarm system, with different alarm patterns to identify alarm trigger.



LED Indicators

Including power, missing/low battery, and alarm status indications. A red LED flashes on the initiating alarm, providing a visible indication.

Optical Smoke Alarms



- Mains powered with battery back-up
- Conform to BS EN 14604:2005/AC: 2008
- Test & Silence button
- Sound output 85dB at 3m

Optical Smoke Alarms

- 1163** Replaceable 9V battery back-up ¹
- 1164** Tamper proof long life battery back-up ²



1163

¹ For use in Grade D2 fire detection systems
² For use in Grade D1 fire detection systems

Heat Alarms



- Mains powered with battery back-up
- Conform to BS 5446-2:2003
- Test & Silence button
- Sound output 85dB at 3m

Heat Alarms

- 1165** Replaceable 9V battery back-up ¹
- 1166** Tamper proof long life battery back-up ²



1165

¹ For use in Grade D2 fire detection systems
² For use in Grade D1 fire detection systems

Carbon Monoxide Alarm



- Mains powered with battery back-up
- Conform to BS EN 50291-1-2010-A1-2012
- Test button
- Sound output 85dB at 3m

Carbon Monoxide Alarm

- 1169** Replaceable 9V battery back-up



1169

- Conforms to BS EN 50291-1:2010+A1:2012
- Test/silence button
- LED operating indicators
- Long life 7-year sensor and sealed for life battery



Carbon Monoxide Alarm

1137 Tamper-proof battery

1137

Carbon Dioxide Detection

Carbon Dioxide (CO2) is present in the external air we breathe at concentration levels of around 400 parts per million. Whilst it is not harmful to health at low concentration levels, as people release CO2 into the air when they exhale, increased levels of CO2 can occur.

CO2 Monitors are generally installed in the main or principal bedroom in a dwelling to raise occupant awareness of CO2 levels (and therefore other pollutants) present in their homes and of the need for them to take proactive measures to increase ventilation.

Deta's Carbon Dioxide and Temperature Monitor incorporates state of the art infra-red technology to accurately measure CO2 levels within the home, providing occupants with clear readings as to air quality and guidance on whether action should be taken to improve it.



Slim Compact Design

With a sleek design and protruding only 15mm from the wall, Deta's CO2 monitor has the same dimensions as a standard light switch, allowing it to blend discreetly into the decor of any room.



Easy Install

Fitting neatly within a 35mm flush back box and with a two part assembly, the monitor head can be easily clipped onto the mounting plate, allowing for installation after decorating is completed.



Compliant with the Scottish Technical Handbook

Displays live readouts alternating between CO2 (PPM) and temperature (°C) with CO2 logged over a 24 hour period. Readings for 8 hour (average) and 24 hour (average and peak) provided along with a traffic light indication to meet the requirement for CO2 monitoring in domestic dwellings.



Carbon Dioxide and Temperature Monitor



- 230V mains rated
- Live readouts for CO2 levels (PPM) and Temperature (°C)
- CO2 readouts for 8 hour (average) and 24 hour (average and peak) periods
- Traffic light system indicating CO2 levels and if improved ventilation is required
- Suitable for installation within a 1 gang 35mm deep flush mounting back box
- 2-year guarantee



1142

Carbon Dioxide & Temperature Monitor

1142

Carbon dioxide and temperature monitor



Interior Lighting

Interior Lighting includes a range of Fire Rated Downlights, Surface Luminaires and Shaver Lights suitable for modern and traditional installations.

The IP65 Fire Rated Downlight range has been fire-resistance tested with several leading engineered joist manufacturers. Downlights are fitted with energy efficient dimmable LED lamps and are available in a choice of finishes. The range incorporates a number of unique features and is fully compliant with Building Regulations Part B, C, E and L.

Surface Luminaires deliver an attractive and efficient lighting solution for multiple interior applications, combining crisp bright light, instant illumination and low power consumption.



Contents

IP65 Fire Rated Downlights	158 - 160
Stratus 8W Surface Luminaire	160
Stratus 14W Surface Luminaire	161
Shaver Lights	161

IP65 Fire Rated Downlights



Fire Safety

30 minute fire resistant tested in the following floor constructions

- ✓ James Jones I-Joist
- ✓ Masonite I-Joist
- ✓ Metsa Wood I-Joist
- ✓ Staircraft I-Joist*
- ✓ Steico I-Joist
- ✓ Metal Web Joist
- ✓ Solid Timber Joist
- ✓ Concrete

*Tested for 30 & 60 minutes





Multi Purpose

Rated IP65 and dimmable as standard, allows for one fitting to be installed in all internal areas, from hallways and living areas to bathrooms and kitchens



Protractable Lampholder

The spring-loaded lamp holder extends when the bezel is removed, providing easy access



Easy to Install

Large terminal housing provides ample wiring space, includes push fit terminals, screwless cable clamp and 180 degree hinged lid, minimising installation time



Ventilation

Top and side vents designed to maximise heat dissipation ensuring lamp performance and longevity, with the terminal housing acting as an insulation separator

IP65 Fire Rated Downlights



- Supplied with a dimmable GU10 lamp
- 2800K or 4000K colour temperature lamp options
- Compatible with Deta trailing edge and universal dimmers



Dimmable - Chrome/Satin Chrome/White

- L1701CH#** IP65 Fire Rated Dimmable Downlight - chrome
- L1701SC#** IP65 Fire Rated Dimmable Downlight - satin chrome
- L1701WH#** IP65 Fire Rated Dimmable Downlight - white



L1701CH#

Installation Information		
Product	Cut out Ø	Min Void Depth
IP65 Downlight	70mm to 75mm max.	120mm

Available with either a 2800K or 4000K lamp. When ordering, please indicate preference by adding the suffix 3 for 2800K or 4 for 4000K. e.g. L1701CH3 for a 2800K LED Lamp

5 year lamp warranty based on maximum usage of 8 hours per day

Stratus 8W Surface Luminaire



- White or chrome bezel, opal diffuser
- 8W LED
- 520 lumens
- 4000K colour temperature
- Integral driver
- IP65 rated

8W Standard - White/Chrome

- L1011WH** 8W LED standard - white
- L1011CH** 8W LED standard - chrome



L1011WH



L1011CH

Stratus 14W Surface Luminaire



- White or chrome bezel, opal diffuser
- 14W LED
- 1200 lumens
- 4000K colour temperature
- Integral driver
- IP65 rated



L1021WH



L1021CH

14W Standard - White/Chrome

L1021WH	14W LED standard - white
L1021CH	14W LED standard - chrome

Shaver Lights



- Dual voltage outlet 240V/115V
- Replaceable 6W LED Lamp
- 480 lumens
- 3000K colour temperature

LED Shaver Light

994	Dual voltage with socket, pull cord switch and LED lamp
------------	---



994

- Slim profile
- Dual voltage outlet 240V/115V
- Integrated LED light source rated at 7W
- 450 lumens
- 4000K colour temperature

Integrated LED Shaver Light

L1094	LED dual voltage with socket, pull cord switch
--------------	--



L1094



Exterior Lighting

Exterior Lighting includes a broad range of decorative and functional luminaires suitable for any modern or traditional application, including Wall Lights and Lanterns.

Wall lights are available in stainless steel grades 304 or 316 (for use in coastal areas), in fixed and up/down models, with or without PIR control, and are supplied with an energy efficient LED lamp as standard.

Lanterns are available in a choice of contemporary stainless steel, traditional die cast aluminium or impact resistant polycarbonate, with or without PIR control and an optional energy efficient LED lamp.





Contents

Stainless Steel Wall Lights	164
Stainless Steel Lanterns	164
Polycarbonate Lanterns	165
Die Cast Aluminium Lanterns	165

Stainless Steel Wall Lights



- Supplied with 6500K LED Lamp
- GU10/240V Lamp holder
- High Grade Stainless Steel options
- IP44 rated
- PIR – Auto Off/Manual override switching function
- In compliance with BS EN 60598-1

Stainless Steel Grade 304

- L2852LED6** Up/Down
- L2855LED6** Fixed with PIR
- L2856LED6** Up/Down with PIR
- L2858LED6** Up/Down with PIR (tall body)



L2852LED6



L2855LED6

Stainless Steel Grade 316

- L2872LED6** Up/Down
- L2875LED6** Fixed with PIR
- L2876LED6** Up/Down with PIR
- L2878LED6** Up/Down with PIR (tall body)

Suitable for use in highly corrosive environments, e.g. coastal regions



L2856LED6



L2858LED6

Stainless Steel Lanterns



- E27 lamp holder
- Grade 304 Stainless Steel
- Supplied with optional 9.5W 2800K or 4000K LED lamp
- IP44 rated
- PIR Auto Off/Manual override switching function
- In compliance with BS EN 60598-1

Stainless Steel Lanterns

- L2863** Stainless steel lantern with PIR
- L2863LED#** Stainless steel lantern with PIR and LED lamp



L2863



L2863LED#

Available with either a 2800K or 4000K lamp. When ordering, please indicate preference by adding the suffix 3 for 2800K or 4 for 4000K. e.g. L2863LED3 for a 2800K LED Lamp.

*Special order product, minimum order quantity and lead time applies

Polycarbonate Lanterns



- Maximum lighting load 100W
- E27 lamp holder
- Supplied with optional 9.5W 2800K or 4000K LED lamp
- PIR detector range up to 12m x 120° adjustable
- Adjustable 'on' timer 10 sec - 10 min approx
- IP44 rated
- PIR - Auto Off/Manual override switching function
- Adjustable dusk-to-dawn sensor
- In compliance with BS EN 60598-1



L2833BK



L2835BK



L2835WH

Traditional Coach Lantern with PIR

- L2833BK 6 Panel lantern - black
- L2833WH* 6 Panel lantern - white
- L2833BKLED# 6 Panel lantern with LED lamp - black
- L2833WHLED#* 6 Panel lantern with LED lamp - white

Traditional Half Lantern with PIR

- L2835BK Half lantern - black
- L2835WH Half lantern - white
- L2835BKLED# Half lantern with LED lamp - black
- L2835WHLED# Half lantern with LED lamp - white

Available with either a 2800K or 4000K lamp. When ordering, please indicate preference by adding the suffix 3 for 2800K or 4 for 4000K.
e.g. L2833BKLED3 for a 2800K LED Lamp.

Die Cast Lanterns



- Maximum lighting load 60W
- E27 lamp holder
- Attractive bevelled glass panels
- PIR detector range up to 8m x 120°
- Adjustable 'on' timer 10 sec - 7 min approx
- Adjustable dusk-to-dawn sensor
- Supplied with optional 9.5W 2800K or 4000K LED lamp
- IP44 rated
- In compliance with BS EN 60598-1



L2842B



L2842W*

Die Cast Aluminium Lantern

- L2842B 6 Panel lantern - black
- L2842W* 6 Panel lantern - white
- L2842BKLED# 6 Panel lantern with LED lamp - black
- L2842WHLED#* 6 Panel lantern with LED lamp - white

Die Cast Aluminium Lantern with PIR

- L2843BK 6 Panel lantern - black
- L2843WH 6 Panel lantern - white
- L2843BKLED# 6 Panel lantern with LED lamp - black
- L2843WHLED# 6 Panel lantern with LED lamp - white

Available with either a 2800K or 4000K lamp. When ordering, please indicate preference by adding the suffix 3 for 2800K or 4 for 4000K.
e.g. L2843BKLED3 for a 2800K LED Lamp.

Ventilation

Ventilation includes an extensive range of 4" and 6" extractor fans and accessories that are designed to seamlessly blend into the environment and are suitable for various applications, including kitchens, bathrooms and utility rooms.

Slim profile fans are designed to be highly energy efficient and quiet to meet ventilation requirements, with user adjustable timer and humidistat options providing a level of automation to the user and ensuring effective ventilation.

Product Features

Ventilation Fans are designed to meet the latest requirements of the Building Regulations for new and existing dwellings. This includes meeting the requirements covering minimum airflow, noise levels and controls.

Deta's fans are designed to be quiet and efficient and meet the noise level requirements as set out in Building Regulations Part F. Likewise, Deta's fans operate below the 0.5 Watts per litre per or intermittent extract ventilation systems minimum energy efficiency guideline set within Building Regulations Approved Document Part L1.

Designed for fast and easy installation, Deta's fans are also simple to maintain and are suitable for wall or ceiling mounting.





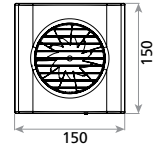
Performance Data

	Axial Fans 4"	Axial Fans 6"	Flat Fascia Axial Fans 4"	Low Voltage Axial Fans 4"	Shower Fan 4"
Extraction Rate	25l/s (90m ³ /hr)	71l/s (255m ³ /hr)	26l/s (92m ³ /hr)	24l/s (85m ³ /hr)	30l/s (107m ³ /hr)
Specific Fan Power	0.32W/l/s	0.40W/l/s	0.49W/l/s	0.34W/l/s	0.47W/l/s
Sound Pressure Level (at 3m)	29dB	35dB	34dB	28dB	33dB
Power Consumption	8W	28W	13W	8W	14W
Supply Voltage (At 50Hz)	240Vac	240Vac	240Vac	240Vac to transformer 12 Vac to fan	240Vac
Insulation Class					
IP Rating	IP24	IP24	IP24	IP24	IPX4
Maximum Running Temperature	40°C	40°C	40°C	40°C	40°C

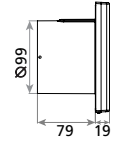
Axial Fans 100mm (4")



- Extraction rate 25 litres/second or 90m³ /hour
- Specific fan power 0.32 W/l/s
- Noise Level 29dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- Humidistat user settable between 60-90% RH
- In compliance with BS EN 60335-2-80



4600/4601/4603



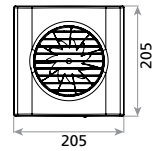
100mm (4")

4600	Standard
4601	Timer
4603	Timer and humidistat

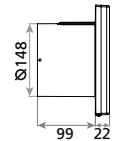
Axial Fans 150mm (6")



- Extraction rate 71 litres/second or 255m³ /hour
- Specific fan power 0.4 W/l/s
- Noise Level 35dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- Humidistat user settable between 60-90% RH
- In compliance with BS EN 60335-2-80



4660/4661



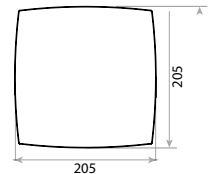
150mm (6")

4660	Standard
4661	Timer
4666*	Humidistat and shutter

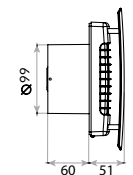
Flat Fascia Axial Fans 100mm (4")



- Extraction rate 26 litres/second or 92m³ /hour
- Specific fan power 0.49 W/l/s
- Noise Level 34dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- In compliance with BS EN 60335-2-80



4630/4631



100mm (4")

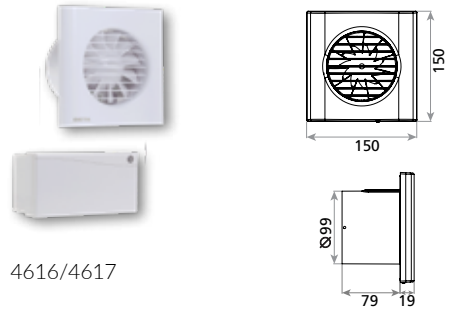
4630	Standard
4631	Timer

*Special order product, minimum order quantity and lead time applies

Low Voltage Axial Fans 100mm (4")

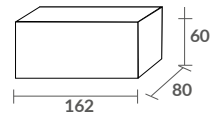


- Extraction rate 24 litres/second or 85m³ /hour
- Specific fan power 0.34 W/l/s
- Noise Level 28dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- Humidistat user settable between 60-90% RH
- In compliance with BS EN 60335-2-80



4616/4617

Transformer dimensions



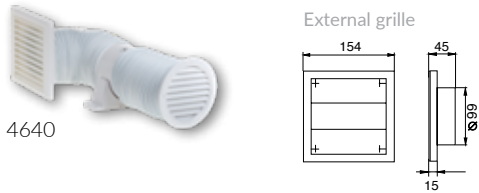
100mm (4")

- 4616 12V low voltage fan and timer
- 4617 12V low voltage fan with timer and humidistat

Shower Fans 100mm (4")

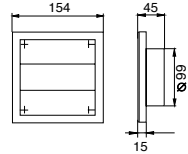


- Extraction rate up to 30 litres/second or 107m³ /hour
- Specific fan power 0.47 W/l/s
- Noise Level 33dB @ 3m
- Over-run time delay user settable between 2 and 30 minutes (timer versions)
- 3m (extended) flexible ducting
- Internal/external fixed louvres grilles
- In compliance with BS EN 60335-2-80



4640

External grille



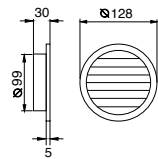
100mm (4")

- 4640 Shower fan kit and timer
- 4641 Shower fan kit with timer and LED light - white and chrome cover supplied

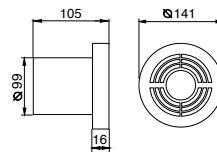


4641

Internal grille



Internal grille with light



Flexible Ducting

- PVC reinforced with spirally-wound steel wire

100mm (4") and 150mm (6")

4820	100mm (4") 3m length
4880	150mm (6") 3m length



4820

4880

Wall Fixing Kits

- For through wall applications, includes gravity grille to prevent backdraughts
- Rigid ducting extendable from 20cm to 50cm

100mm (4") and 150mm (6")

4824	100mm (4") wall fixing kit
4884	150mm (6") wall fixing kit



4824

4884

External Grilles

- Fixed grilles - may be installed in horizontal or vertical planes and in exposed locations where gravity grilles may be affected by turbulent wind conditions
- Gravity grilles - for horizontal mounting only, to prevent backdraughts. Should not be installed in exposed locations

White/Brown

4821W	100mm (4") gravity grille
4821B	
4822W	100mm (4") fixed grille
4822B	
4881W	150mm (6") gravity grille
4881B	
4882W	150mm (6") fixed grille
4882B	



4821W



4881W



4882B





Hand Dryers

Deta **Hand Dryers** are high speed and energy saving and dry hands quicker than conventional hand dryers, improving hygiene and eco efficiency, reducing energy consumption.





Contents

2.3kW Compact Hand Dryer	174
1.1kW Low Energy Hand Dryer	174
1.8kW Heavy Duty Hand Dryer	174
1.0kW Compact High Speed HEPA Hand Dryer	175
1.8kW High Speed Hand Dryer	175

2.3kW Compact Hand Dryer

- High Quality, low maintenance hand dryer for commercial applications, e.g. offices and shops
- Constructed with sound and vibration reducing blocks to reduce noise level
- Automatic shuts off after 60 seconds when in use
- Self-resetting overheat thermostat provides protection from overheating if hand dryer becomes blocked

2.3kW
AUTOMATIC
20 SECONDS
DRYING TIME

Automatic - White

1001WH 2.3kW Compact automatic



1001WH

1.1kW Low Energy Hand Dryer

- Available in White or Silver
- For use in schools, kitchens, restaurants and places where high levels of hygiene are required
- High-speed low power motor dries hands quicker reducing energy consumption compared to conventional hand dryers
- Changeable heat settings to suit environment
- Standby / Power-On LED indicator
- Provides 10 to 15 seconds drying time

1.1kW
AUTOMATIC
10-15 SECONDS
DRYING TIME

Automatic - White/Silver

1016WH 1.1kW high speed - white
1016SL 1.1kW high speed - silver



1016WH



1016SL

1.8kW Heavy Duty Hand Dryer

- Available in White or Polished Chrome
- For use in schools, kitchens, restaurants and places where high levels of hygiene are required
- Standby / Power-On LED indicator
- Manufactured from grade 304 stainless steel
- Durable, vandal resistant casing with tamper proof fixings included
- High-speed low power motor dries hands quicker reducing energy consumption compared to conventional hand dryers
- Changeable heat settings to suit environment

1.8kW
AUTOMATIC
10-15 SECONDS
DRYING TIME

Automatic - White/Chrome

1019WH 1.8kW high speed heavy duty - white
1019CH 1.8kW high speed heavy duty - chrome



1019WH



1019CH

1.0kW Compact High Speed HEPA Hand Dryer

- Available in White or Stainless Steel
- Tough compact hand dryer for smaller washrooms where wall space is limited
- Manufactured from 1.2mm grade 304 stainless steel to protect against corrosion and vandalism
- Quiet hand dryer at 72dB
- Features a High-Efficiency Particulate Air (HEPA) filter for enhanced hygiene
- Advanced water-blasting technology delivering high speed airflow

Automatic - White/Stainless Steel

1011WH	1.0kW compact HEPA - white
1011SS	1.0kW compact HEPA - stainless steel

Replacement HEPA Filter

SP1011**	Replacement HEPA Filter
-----------------	-------------------------



1011SS

1.0KW
AUTOMATIC
10-12 SECONDS
DRYING TIME

1.8kW High Speed Hand Dryer

- Available in White or Stainless Steel
- Robust, high quality hand dryer, for medium usage commercial applications e.g. - offices, shops,
- Manufactured from 1.2mm grade 304 stainless steel to protect against corrosion and vandalism with low noise level of 72dB
- Advanced water-blasting technology delivering high speed airflow
- Thermometer detects ambient temperature and auto-adjusts airflow temperature to reduce running costs
- Automatic shut off after 60 seconds to avoid wasted energy
- Self-resetting overheat thermostat provides protection from overheating if hand dryer becomes blocked

Automatic - White/Stainless Steel

1012WH	1.8kW high speed - white
1012SS	1.8kW high speed - stainless steel



1012SS

1.8KW
AUTOMATIC
10-12 SECONDS
DRYING TIME



Indoor & Outdoor Power

Following the acquisition of SMJ Electrical in 2016, Deta is pleased to offer its partnering wholesalers access to a comprehensive and market leading range of indoor and outdoor power accessories for domestic and commercial use.

With a high quality and substantial range of portable indoor power and controls, including extension leads, trailing sockets, plug tops, flex connectors, RCD's, adaptors, timers and USB chargers, the range offers a perfect solution for multiple applications.

An intelligently designed and extensive range of high quality outdoor power and installation accessories completes the offer, ensuring a safe, reliable and robust solution for everyday light DIY and professional applications.





Contents

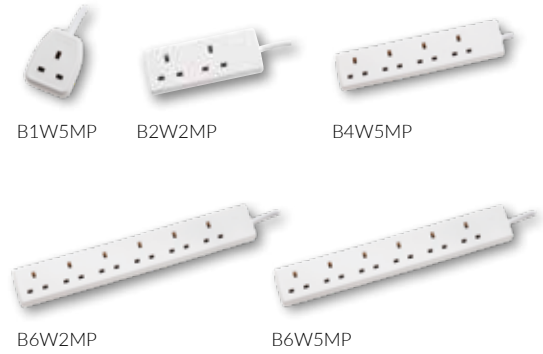
Indoor Power and Control	178 - 181
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Extension Leads Unswitched

- Keyhole fixing for wall mounting on 4g and 6g versions
- In compliance with BS 1363

Unswitched

B1W5MP	1g 13A extension lead 5m
B2W2MP	2g 13A extension lead 2m
B4W5MP	4g 13A extension lead 5m
B6W2MP	6g 13A extension lead 2m
B6W5MP	6g 13A extension lead 5m



Extension Leads Unswitched with Neon

- Keyhole fixing for wall mounting on 4g version
- Neon power indicator alerts the user to turn off the sockets when not in use and when power is active
- In compliance with BS 1363

Unswitched with neon

F2W5MP	2g 13A extension lead with neon 5m
F4W2MP-XX	4g 13A extension lead with neon 2m



Extension Leads Switched with Neon

- Keyhole fixing for wall mounting
- Neon power indicator alerts the user to turn off the sockets when not in use and when power is active
- Each socket is individually switched for maximum control
- In compliance with BS 1363

Switched with neon

F4W2IC	4g 13A extension lead switched with neon 2m
F6W2IS	6g 13A extension lead switched with neon 2m



Extension Leads Surge Protected

- Surge protection provides protection to electrical and electronic equipment against transient overvoltage
- Green neon indicates surge protection is active
- In compliance with BS 1363

Surge Protected

S4W2MP	4g 13A extension lead with surge 2m - white
S4WI5C	4g 13A extension lead switched with surge 5m - black
S6W2MP-X	6g 13A extension lead with surge 2m - white



S4W2MP

S4WI5C



S6W2MP-X

Mini Tower Surge Protected

- Vertical cable management reduces tangled cables
- Angled sockets allow larger plugs to be inserted
- Surge protection provides protection to electrical and electronic equipment against transient overvoltage
- Green neon indicates surge protection is active
- Power neon indicates that sockets are active
- In compliance with BS 1363

Mini Tower

S10WTTB	10g 13A mini tower with surge 2m
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S10WTTB

Trailing Sockets

- In compliance with BS 1363-2

Trailing Sockets

9128	1g 13A trailing socket
9148	2g 13A trailing socket

- Tough service shuttered socket outlets
- In compliance with BS 1363/A



9128

9148

Trailing Sockets - Tough

RTS1GW	1g 13A trailing socket - white
RTS1GB	1g 13A trailing socket - black
RTS2GW	2g 13A trailing socket - white
RTS2GB	2g 13A trailing socket - black



RTS1GW



RTS2GB

Plugs

- 13A plugs in compliance with BS 1363/A
- Round pin plug in compliance with BS 546

Fused Plugs

TW13FP 13A plug – white
TB13FP 13A plug – black



TW13FP RP13AW RP13AB

Fused Heavy Duty Plugs

RP13AW 13A heavy duty plug – white
RP13AB 13A heavy duty plug – black



TW05FP

Fused Round Pin Plug

TW05FP 5A round pin plug - white

Fuses and Fuse Wire

- Wide range of fuse packs (3A, 5A, 13A)
- FUSWIR - Ideal for use with 5A, 15A and 30A fuses

Fuses and Fuse Wire

FU03AT 3A fuses card (pack of 10)
FU05AT 5A fuses card (pack of 10)
FU13AT 13A fuses card (pack of 10)
FUMXAT Mixed fuses pack (2x3A, 3x5A, 5x13A) (pack of 10)
FUSWIR Fuse wire carded 5/15/30A



FU03AT



FUSWIR

Flex Connectors

- In compliance with BS 5733

Flex Connectors

RC2PBC 10A 2 pin plug and socket rubber
RC3PBC 10A 3 pin plug and socket rubber



RC2PBC



RC3PBC

RCDs

- Cuts power when an imbalance is detected to prevent electric shock
- Double pole protection
- Essential for use in high risk areas such as construction sites
- In compliance with BS 7071

RCDs

RCDPWC RCD 13A plug - white
RCDAWC-BL RCD adaptor - black
RCDILP RCD in line - black



RCDPWC



RCDAWC-BL



RCDILP

Adaptors

- 2 or 3 way fused and unfused plug in adaptors
- Shaver adaptor converts a 2-pin shaver or electric toothbrush plug to a standard 3-pin plug
- In compliance with BS1363-3

Adaptors

TW2UAD	13A 2 way unfused adaptor
TW3FAD	13A 3 way fused adaptor
TWSASK	1A shaver adaptor



TW3FAD

TW2UAD



TWSASK

Travel Adaptor with USB

- Converts a single USA socket to two UK mains sockets
- Incorporates 2 x USB charging points, ideal for charging small electronic devices such as mobile phones

Travel Adaptor with USB

TUSAMC	USA and Australasia travel adaptor with USB 2.1A max
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TUSAMC

USB Charging

- Ideal for charging smartphones and tablets
- USB charging ports rated at 2.4A and can be used simultaneously
- USBADP2 - Docking stand for a device
- USBADP2 - Maintains the existing UK socket outlet

USB Charging

USBDBL	2 Port USB charger plug
USBQC3	1 Port USB charger plug
USBADP2	13A adaptor with 2 USB Ports



USBDBL



USBQC3



USBADP2

A Reel for all needs in our **CT Range**

Our collection of every day reels range from 4 to 50 metres and are built to last.

Made from tough resilient plastic, providing strength and reliability, the entire range is rated at 13A which gives a maximum load of 3120 watts.

Design remains a key factor in production with the heavy duty reels built on sturdy frames that have a carry and winding handle centrally located to allow ease of winding and balance when in use.

CT Range Cassette Reels

- Designed to fit comfortably in the hand making it easy to wind and use
- 13A rating
- Available in 4m and 10m lengths
- Thermal cutout prevents overloading
- 1.25mm² cable



CT Range Easi-Reels

- Easi-Reels provide protection to the cable, accurately guiding it onto and off of the drum
- Built-in handle and winding knob with a flat base to keep it upright protecting the sockets
- 13A rating
- Available in 15 to 25m lengths
- Thermal cutout prevents overloading
- 1.25mm² cable



CT Range Heavy Duty Reels

- Open drum cable reel design
- Fitted with a sturdy steel frame and carry handle
- Made from tough resilient plastic
- 13A Rating
- Available in 25m and 50m lengths
- Thermal cutout prevents overloading
- 1.25mm² cable



CT Range Cassette Reels

Cassette Reels

- CT0413T** 2g 13A Cassette reel with thermal cutout 4m
CT1013 4g 13A Cassette reel with thermal cutout 10m



CT1013



CT1013

CT Range Easi-Reels

Easi-Reels

- CT1513** 4g 13A Easi-Reel with thermal cutout 15m
CT2513 4g 13A Easi-Reel with thermal cutout 25m
CT2013RCD 4g 13A Easi-Reel reel with thermal cutout and RCD plug 20m



CT1513



CT2513



CT2013RCD

CT Range Heavy Duty Reels

Heavy Duty Reels

- CTH2513** 4g 13A Cable reel with thermal cut out 25m
CTH5013 4g 13A Cable reel with thermal cut out 50m



CTH2513

Real Pros use...**Reel Pro**

Our uniquely designed and patented Reel Pro range is built to last and made from tough, impact resistant plastic.

The cassette reels feature friction free technology for easy wind and unwind use.

Larger reels benefit from a wider base for extra stability and a cable guide system that allows left or right handed operation.



Reel Pro Cassette

Small, neat and compact, this design fits firmly in the hand and offers comfort and ease of use. Available in 8m length



Reel Pro Medium

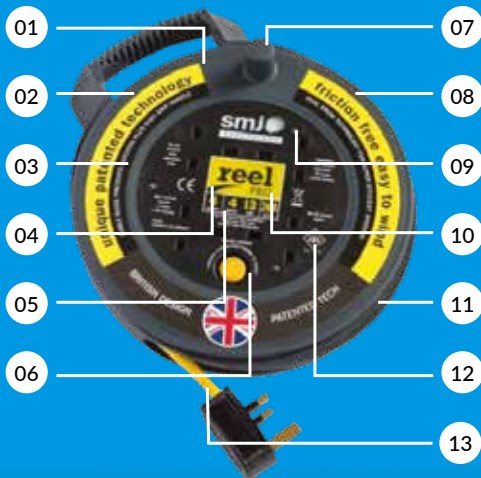
The external handle ensures that the weight of up to 15m of cable is easy to manage and wind



Reel Pro Plus

Solid base and triangular design ensures maximum strength and stability for carrying 25m of cable

Reasons to choose our Reel Pro's



1. The reinforced casing ensures the cable has better protection while in use, the ribs provide greater inflexibility improving impact resistance
2. High impact resistant material enables resistance against wear and tear
3. Flame retardant self-extinguishing material
4. Each product is individually tested to ensure compliance with the latest European standards; BS EN 61242
5. Indelible markings are clear and easy to read
6. Fitted with thermal cutout to prevent overheating
7. Rotating turning handle for a better grip while wearing gloves
8. The ventilated section aids air flow to prevent overheating
9. Screw terminals enable the product to be re-wired if required
10. Solid brass bars ensure a longer life and better contact, reducing problems in use
11. Tough plug to 1363/A - rough usage
12. Childproof shutters for protection
13. Cable thickness is 1.25mm²

Reel Pro Cassette

Reel Pro Cassette

CP0813 4g 13A Reel Pro cassette with thermal cutout 8m



CP0813

Reel Pro Medium

Reel Pro Medium

RP1513 4g 13A Reel Pro Medium with thermal cutout 15m



RP1513

Reel Pro Plus

Reel Pro Plus

TP2513 4g 13A Reel Pro Plus with thermal cutout 25m



TP2513

Reel Pro Earth Testing Cable Reel

- Dedicated test reel for R2 and main earth bond testing
- High quality multi stranded test lead
- 4mm connectors
- Includes crocodile clip
- Suitable for dead testing only

Reel Pro Earth Testing Reel

RPEWT50 Reel Pro earth wire testing cable reel 50m



RPEWT50

Junction Boxes

- Exterior junction box with 5 way terminal block
- Made from impact resistant material with 5 access points
- Conceals electrical connections to prevent tampering
- Available in square or circular housing

Junction Boxes

- EPJBL6** IP55 junction box with 5 terminal connections - large square
- EPJBS6** IP55 junction box with 5 terminal connections - small square
- EPJBR4** IP55 junction box with 5 terminal connections - small circular



EPJBL6



EPJBS6



EPJBR4

Outdoor Enclosure Box

Outdoor Enclosure Box

- ODRBOX** IP54 outdoor enclosure box with 4 terminal connections



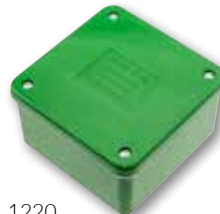
ODRBOX

Earthing Box

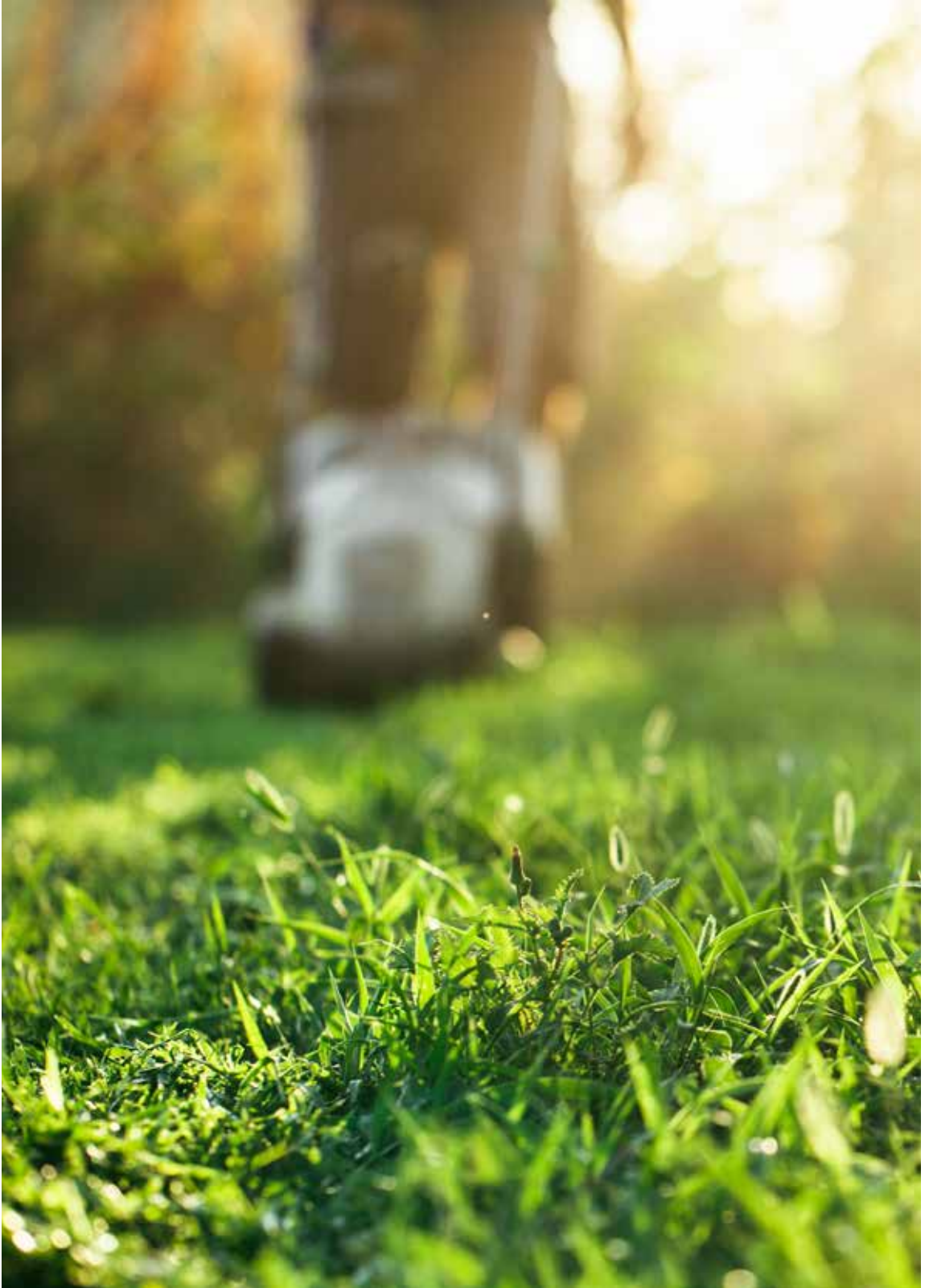
- Suitable for protecting earth bonding connections

Earthing Box

- 1220** Earthing box



1220





Installation Materials

A range of **Installation Materials** assembled with the professional electrician in mind.

All products are manufactured under strict quality controls and in accordance with the latest standards.





Contents

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Flat Cable Clips

- For use in wood, masonry and compressed board
- Suitable for Twin and Earth flat cables
- Manufactured from HDPE
- Supplied with a premium zinc plated hardened steel nail

Twin and Earth Single

IM1111GR	1.0mm grey (box of 100 x 10)
IM1112GR	1.5mm grey (box of 100 x 10)
IM1114GR	2.5mm grey (box of 100 x 10)
IM1116GR	4.0mm grey (box of 100 x 10)
IM1117GR	6.0mm grey (box of 100 x 10)
IM1118GR	10.0 mm grey (box of 100 x 10)
IM1119GR	16.0 mm grey (box of 100 x 10)

Twin and Earth Double

IM1113GR	1.5mm grey (box of 100 x 10)
IM1115GR	2.5mm grey (box of 100 x 10)

Three Core and Earth

IM1141GR	1.0mm and 1.5mm grey (box of 100 x 10)
----------	--



IM1111GR

Flat Cable Clips Metal



- Designed to secure cables in a high temperature environment
- Manufactured from carbon steel with bright zinc plated finish
- Supplied with a premium zinc plated hardened steel nail
- Enables installations to comply with the 18th Edition Wiring Regulations

Fire Rated Twin and Earth

IM1122	1.5mm steel BZP (box of 100)
IM1124	2.5mm steel BZP (box of 100)
IM1126	4.0mm steel BZP (box of 100)
IM1127	6.0mm steel BZP (box of 100)



IM1122

Flat Cable Clip Tubs

- Convenient tub of Twin and Earth Clips with resealable lid and carry handle
- 18th Edition combination tub option available

Tubs

IM1191	Twin and earth tub (400x1.5mm grey, 400x2.5mm grey)
IM1192	18th Edition combination tub (400x1.5mm grey, 400x2.5mm grey, 200x2.5mm steel)



IM1191

Round Cable Clips

- For use in wood, masonry and compressed board
- Flexible design to suit various cable sizes
- Manufactured from impact resistant polypropylene, providing strength and flexibility
- Supplied with a premium zinc plated hardened steel nail

Black Cable Clips

IM1131BK	3-5mm black (box of 100 x 10)
IM1132BK	5-7mm black (box of 100 x 10)
IM1133BK	7-10mm black (box of 100 x 10)
IM1134BK	10-14mm black (box of 100 x 10)
IM1135BK	14-20mm black (box of 50 x 10)

White Cable Clips

IM1131WH	3-5mm white (box of 100 x 10)
IM1132WH	5-7mm white (box of 100 x 10)
IM1133WH	7-10mm white (box of 100 x 10)
IM1134WH	10-14mm white (box of 100 x 10)
IM1135WH	14-20mm white (box of 50 x 10)

Brown Cable Clips

IM1132BR	5-7mm brown (box of 100 x 10)
IM1133BR	7-10mm brown (box of 100 x 10)

Red Cable Clips

IM1133RD	7-10mm red (box of 100 x 10)
-----------------	------------------------------



IM1131 - IM1133

Bell Wire Cable Clip

- For use in wood, masonry and compressed board
- Manufactured from high density polyethylene (HDPE)
- Supplied with a premium zinc plated hardened steel nail

Bell Wire Cable Clip

IM1151WH	4.5mm bell wire clip white (box of 100 x 10)
-----------------	--



IM1151WH

Cable Clip Wall Pin Plug

- Assists installation where surface will not easily accept a clip pin
- Installed with a 5.0mm drill bit and hammer

Cable Clip Wall Pin Plug

IM1181	White 20mm (use 5.0mm drill) (box of 100x10)
---------------	--



IM1181

LSF P Clips and Saddles

- Clips and saddles for soft skin fire performance cables
- Low smoke zero halogen
- Corrosion and impact resistant
- Fire propagation – Class 0
- Smoke emission – Class 1
- Available in white and red
- Enables installations to comply with the 18th Edition Wiring Regulations

Clips

IM1528WH	7.0-7.4mm 28 - white (bag of 50)
IM1528RD	7.0-7.4mm 28 - red (bag of 50)
IM1530WH	7.5-7.9mm 30 - white (bag of 50)
IM1530RD	7.5-7.9mm 30 - red (bag of 50)
IM1532WH	8.0-8.4mm 32 - white (bag of 50)
IM1532RD	8.0-8.4mm 32 - red (bag of 50)
IM1534WH	8.5-9.2mm 34 - white (bag of 50)
IM1534RD	8.5-9.2mm 34 - red (bag of 50)
IM1537WH	9.3-10.0mm 37 - white (bag of 50)
IM1537RD	9.3-10.0mm 37 - red (bag of 50)
IM1540WH	10.1-10.7mm 40 - white (bag of 50)
IM1540RD	10.1-10.7mm 40 - red (bag of 50)
IM1543WH	10.8-11.7mm 43 - white (bag of 50)
IM1543RD	10.8-11.7mm 43 - red (bag of 50)



IM1528

Saddles

IM1582WH	7.0-7.7mm 302 - white (bag of 50)
IM1582RD	7.0-7.7mm 302 - red (bag of 50)
IM1583WH	7.8-9.0mm 342 - white (bag of 50)
IM1583RD	7.8-9.0mm 342 - red (bag of 50)
IM1584WH	9.1-10.0mm 382 - white (bag of 50)
IM1584RD	9.1-10.0mm 382 - red (bag of 50)



IM1582WH

Cable Type	P Clip		Saddles	
	MICC	FP200	MICC	FP200
2 core 1mm ²	IM1526	IM1532	IM1581	IM1582
3 core 1mm ²	IM1528	IM1532	IM1582	IM1582
4 core 1mm ²	IM1530	IM1532	IM1583	IM1583
2 core 1.5mm ²	IM1528	IM1532	IM1582	IM1582
3 core 1.5mm ²	IM1530	IM1532	IM1583	IM1583
4 core 1.5mm ²	IM1534	IM1537	IM1583	-
2 core 2.5mm ²	IM1532	IM1537	IM1583	-
3 core 2.5mm ²	IM1534	IM1540	IM1583	-
4 core 2.5mm ²	IM1537	IM1543	IM1583	-
2 core 4.0mm ²	IM1537	IM1543	-	-

This chart is intended as a guide only. Please check the actual cable dimensions against the clip dimensions to ensure the correct selection.

Cable Ties

- Self locking ties for use in a wide range of applications including securing and tidying cables
- Manufactured from Nylon 6.6 and compliant to EN62275
- Available in both Natural or Black colours
- Carbon black additive to provide enhanced UV resistance (black ties only)
- Flammability of raw material : UL 94 - V2
- Working temperature: -40°C ~+85°C
- Good resistance to bases, oils, greases, oil derivatives, chloride solvents; limited resistance to acids
- No resistance to phenols
- Cable tie marker tab available for easy identification of cable bundles

Nylon Cable Tie Black

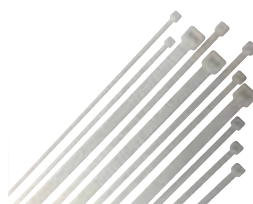
IM1212BK	2.5x100mm (bag of 100)
IM1214BK	2.5x160mm (bag of 100)
IM1216BK	2.5x200mm (bag of 100)
IM1222BK	3.6x150mm (bag of 100)
IM1224BK	3.6x200mm (bag of 100)
IM1226BK	3.6x300mm (bag of 100)
IM1232BK	4.8x200mm (bag of 100)
IM1234BK	4.8x300mm (bag of 100)
IM1236BK	4.8x370mm (bag of 100)
IM1244BK	7.6x300mm (bag of 100)
IM1246BK	7.6x380mm (bag of 100)
IM1254BK	8.8x550mm (bag of 100)
IM1256BK	8.8x780mm (bag of 100)
IM1264BK	12.7x580mm (bag of 100)



IM1212BK

Nylon Cable Tie Natural

IM1212NU	2.5x100mm (bag of 100)
IM1214NU	2.5x160mm (bag of 100)
IM1216NU	2.5x200mm (bag of 100)
IM1222NU	3.6x150mm (bag of 100)
IM1224NU	3.6x200mm (bag of 100)
IM1226NU	3.6x300mm (bag of 100)
IM1232NU	4.8x200mm (bag of 100)
IM1234NU	4.8x300mm (bag of 100)
IM1236NU	4.8x370mm (bag of 100)
IM1244NU	7.6x300mm (bag of 100)
IM1246NU	7.6x380mm (bag of 100)
IM1254NU	8.8x550mm (bag of 100)
IM1256NU	8.8x780mm (bag of 100)
IM1264NU	12.7x580mm (bag of 100)



IM1212NU

Cable Tie Marker Tab

IM1279NU 2.5x100mm - natural (bag of 100)

Tensile Strength Information	
2.5mm	8.1kg
3.6mm	18.2kg
4.8mm	22.2kg
7.6mm	54.4kg
8.8mm	79.4kg
12.7mm	114kg



IM1279NU

Cable Tie Fixings

- Quick and simple way to secure lighter bundles of cable and wires
- Complete with a high performance 3M self adhesive base
- Screw mounting hole provided for securing heavier bundles
- Manufactured from Nylon 6.6

Self Adhesive Base

- IM1271BK** 19x19mm - black (bag of 100)
- IM1271NU** 19x19mm - natural (bag of 100)
- IM1273BK** 28x28mm - black (bag of 100)
- IM1273NU** 28x28mm - natural (bag of 100)
- IM1274BK** 40x40mm - black (bag of 100)
- IM1274NU** 40x40mm - natural (bag of 100)



IM1271

- For securing heavier bundles of cable and wires
- Manufactured from Nylon 6.6

Screw Mounted Cradles

- IM1275BK** 22mmx16mm - black (bag of 100)
- IM1275NU** 22mmx16mm - natural (bag of 100)



IM1275BK



IM1275NU

- For use in brick, blockwork, plasterboard or timber
- For cable ties up to 8.8mm in width
- Requires 6.0mm drill

Plugs

- IM1276BK** 6.0mmx38mm (bag of 100)



IM1276BK

Cable Tie Fixings	
Base Type	Max Size
IM1271	3.6mm
IM1273	4.8mm
IM1274	8.8mm
IM1275	7.6mm
IM1276	8.8mm

Bases must be installed correctly on a suitable contact surface that has been properly cleaned, otherwise load levels may be reduced.

Stainless Steel Cable Ties and Fixings



- Secure cables within larger trunking, basket & ladder
- Enables installations to comply with the 18th Edition Wiring Regulations

Stainless Steel Cable Ties and Fixings

IM1293	4.6x290mm stainless steel cable tie (bag of 100)
IM1299	6.2mm stainless steel cradle (bag of 100)



IM1293

Cable tie and cradle sold separately

Glands

- For securely terminating cables into a source
- Supplied in handy contractor packs with locknuts included
- Manufactured in nylon with a flammability rating of UL 94 - V2
- IP68 rated

Dome Top Compression Glands

IM1411WH	20mm small white for 6-12mm cable (bag of 10)
IM1411BK	20mm small black for 6-12mm cable (bag of 10)
IM1411RD	20mm small red for 6-12mm cable (bag of 10)
IM1412WH	20mm white for 10-14mm cable (bag of 10)
IM1412BK	20mm black for 10-14mm cable (bag of 10)
IM1412RD	20mm red for 10-14mm cable (bag of 10)
IM1413WH	25mm white for 13-18mm cable (bag of 10)
IM1413BK	25mm black for 13-18mm cable (bag of 10)



SWA Cable Cleat

- One part single fixing cleat
- Mainly used for fastening, fixing and routing SWA cables
- Excellent weathering performance and high resistance to ultraviolet light
- Strong and impact resistant

Heavy Duty Cable Cleats

IM1505	10.1mm-12.7mm #5 (bag of 100)
IM1506	12.6mm-15.2mm #6 (bag of 100)
IM1507	15.1mm-17.8mm #7 (bag of 100)



IM1505

SWA Brass Cable Glands

- Brass Cable Glands with Earth Tags, Locknuts and Shrouds
- BW Indoor and CW In/Outdoor Glands available with PVC or LSF Shroud
- Suitable for all types of steel wire armoured cable

BW Indoor PVC Shroud

DTG3501	20mm Short - bag of 2 gland kits
DTG3502	20mm - 2 gland kits
DTG3503	25mm - 2 gland kits
DTG3504	32mm - 2 gland kits
DTG3505	40mm - 1 gland kit
DTG3506	50mm - 1 gland kit
DTG3507	63mm - 1 gland kit
DTG3508*	75mm - 1 gland kit
DTG3509*	90mm - 1 gland kit



CW Indoor/Outdoor PVC Shroud

DTG3511	20mm short - 2 gland kits
DTG3512	20mm - 2 gland kits
DTG3513	25mm - 2 gland kits
DTG3514*	32mm - 2 gland kits
DTG3515*	40mm - 1 gland kit
DTG3516*	50mm - 1 gland kit
DTG3517*	63mm - 1 gland kit
DTG3518*	75mm - 1 gland kit
DTG3519*	90mm - 1 gland kit

BW Indoor LSF Shroud

DTG3521	20mm short - 2 gland kits
DTG3522	20mm - 2 gland kits
DTG3523	25mm - 2 gland kits
DTG3524*	32mm - 2 gland kits
DTG3525*	40mm - 1 gland kit
DTG3526*	50mm - 1 gland kit
DTG3527*	63mm - 1 gland kit
DTG3528*	75mm - 1 gland kit
DTG3529*	90mm - 1 gland kit

CW Indoor/Outdoor LSF Shroud

DTG3531	20mm short - 2 gland kits
DTG3532	20mm - 2 gland kits
DTG3533	25mm - 2 gland kits
DTG3534*	32mm - 2 gland kits
DTG3535*	40mm - 1 gland kit
DTG3536*	50mm - 1 gland kit
DTG3537*	63mm - 1 gland kit
DTG3538*	75mm - 1 gland kit
DTG3539*	90mm - 1 gland kit

*Special order product, minimum order quantity and lead time applies

Connector Boxes

- Compatible with 6A or 16A connector strips
- Suitable for cable sizes up to 1.5mm²
- Screwless cord grip and lid fixing screw included
- 1210 supplied without connector strip
- 1212 includes 3 way 16A connector strip

Connector Boxes

1210	Connector box 16A - with flex cord grip
1212	Connector box 16A - with connector strip and cord grip



1210

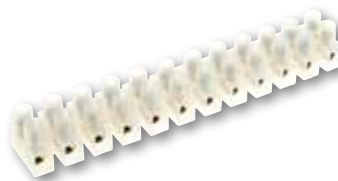
1212

Connector Strips

- Connector strips manufactured from polyethylene

Connector Strips

1201P	3A
1202P	6A
1203P	16A
1204P	32A
1205P	60A



1203P

Grommets

- PVC grommets for general installation use
- Protects cable from rough and sharp edges
- Push fit design allows for quick installation
- Available in open or closed, standard or quick fit
- Operating temperature: -35°C to +70°C
- Ideal for use with Deta's metal boxes, please see page 139

Standard Grommets

IM1301	20mm open (bag of 100)
IM1302	25mm open (bag of 50)
IM1303	32mm open (bag of 25)
IM1311	20mm closed (bag of 100)
IM1312	25mm closed (bag of 50)
IM1313	32mm closed (bag of 25)

Quick Fit Grommets

IM1321	20mm open (bag of 100)
IM1322	25mm open (bag of 50)
IM1323	32mm open (bag of 25)
IM1331	20mm closed (bag of 100)
IM1332	25mm closed (bag of 50)
IM1333	32mm closed (bag of 25)

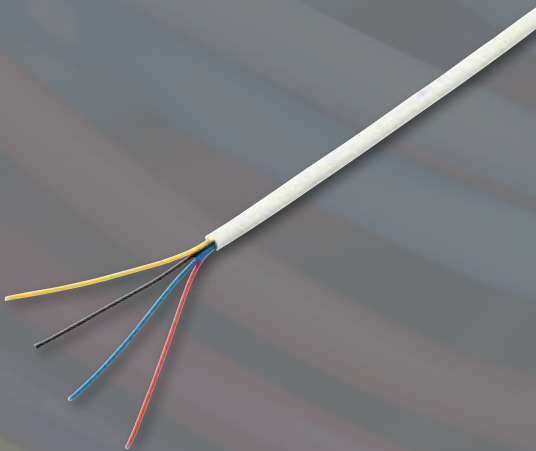




Cable

Deta offers a wide range of low voltage **Cable**. Deta's co-axial and satellite cable includes Shotgun cable and a range of CT100 cable approved to the CAI benchmark standard.

Also available are Alarm, Telephone and Data Cable.



Contents

Satellite Cable	200
CCTV Coax Cable	200
Bell Wire	200
Alarm Cable	201
CW1308 Telephone Cable	201
Data Cable	201
Data Cable Low Smoke Zero Halogen	201

Satellite Cable

- 100m and 250m reels
- High performance, low loss
- CAI approved version
- Black sheath as standard, RG6 also in white
- For digital/satellite connection and high speed data transfer

RG6 Satellite Cable - 100m

- 532BK** RG6 75Ω 1/1.0mm conductor low-loss semi-air-spaced satellite down lead
- 532WH** RG6 75Ω 1/1.0mm conductor low-loss semi-air-spaced satellite down lead

Satellite Cable

- 534BK** DT100 co-axial cable, for digital/satellite connection and high speed data transfer (100m)
- 534B/250** DT100 co-axial cable, for digital/satellite connection and high speed data transfer (250m)

Satellite Cable - Shotgun

- 536BK** DT100 shotgun co-axial cable (100m)
- 536B/250** DT100 shotgun co-axial cable (250m)

CAI Approved Satellite Cable

- 535BK** CAI Approved CT100 co-axial cable (100m)
- 535B/250** CAI Approved CT100 co-axial cable (250m)



532BK 532WH 534BK



534B/250 536BK

CCTV Co-Axial Cable

- TV down lead and CCTV applications
- 100m reel
- Low loss

RG59 CCTV - 100m

- 533BK** RG59 75Ω CCTV co-axial cable
- 538BK** RG59 75Ω CCTV co-axial + 2 core power cable



533BK

Bell Wire

- 100m reels
- Bell Wire incorporates pit stripe

Bell Wire - 100m

- 218** Bell wire



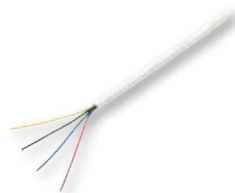
218

Alarm Cable

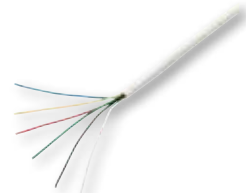
- 100m reels
- White sheath

Alarm Cable - 100m

630WH	4 core alarm cable, colour coded red, blue, yellow, black
631WH	6 core alarm cable, colour coded red, blue, yellow, black, white, green
632WH	8 core alarm cable, colour coded red, blue, yellow, black, white, green, orange, brown



630WH



631WH

CW1308 Telephone Cable

- 100m reels
- Complies with CW1308
- White sheath

CW1308 Telephone Cable - 100m

19023	3 pair
19024	4 pair
19026	6 pair



19023



19026

Data Cable

- 305m pull box
- In compliance with TIA/EIA 568-B
- Copper conductor
- Grey sheath

Cat 5e - 305m

542	Cat 5e solid unshielded twisted pair
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Cat 6 - 305m

550	Cat 6 solid unshielded twisted pair
------------	-------------------------------------



542



550

Data Cable Low Smoke Zero Halogen

- 305m pull box
- In compliance with TIA/EIA 568-B
- Copper conductor
- Purple sheath

Cat 5e - 305m

544	Cat 5e solid unshielded twisted pair - LSZH
------------	---

Cat 6 - 305m

551	Cat 6 solid unshielded twisted pair - LSZH
------------	--



544



551



deta tte

Deta TTE is a market leading brand of electrical conduit tube and accessories, combining the Top Tubes Electrical and Stephen Glover businesses, with over 50 years' experience in supplying the UK, Middle East and global markets.

Deta TTE has become the specification of choice amongst consultants and major MEP contractors, providing them with a reliable and best in class cable protection solution that is fully compliant with rigorous British Standards. Deta TTE continues to be specified and installed on many major projects.

With a comprehensive range and significant stocks held in Deta's central distribution depot, Deta TTE covers the needs of every cable management installation.



Contents

BS EN 61386 Class 4 Conduit	205
BS 4568 and BS EN 61386 Class 4 Conduit	205
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Locknuts and Lockrings	212
Adaptable Boxes	212
Saddles, Crampets and Jack Chain	213
Stock, Die and Guide Set	214
Conduit Bender	214

Class 4 Galvanised Conduit Tube

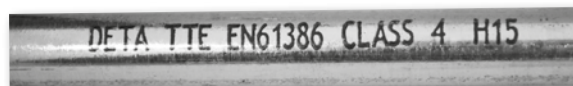
Deta TTE steel conduit is suitable for use in demanding environments. It exceeds the maximum “very heavy” strength classification and can be easily formed on site.

Conduit is hot dipped galvanised after manufacture to comply with Class 4, heavy protection inside and out. Galvanising is undertaken in a purpose built plant to ensure an even coating and employs a final superheated steam blast to ensure the bore is smooth and clear of defects which might damage a cable during installation.

Material	Manufactured from Grade Q195 Steel
Manufacturing Process	Tubes are roll formed, and electrical resistance welded
Resistance against corrosion	Hot dipped galvanised to BS EN 61386 Class 4 using a specialist superheated steam blast to ensure the bore is smooth and clear of defects that might damage cables during installation
Resistance to compression	Tested to very heavy grade - Classification 5
Resistance to impact	Tested to very heavy grade - Classification 5
Tensile strength	Tested to very heavy grade - Classification 5
Standard BS 4568 - 1	Steel conduit and fittings with metric threads
Standard BS EN 61386 - 21	Conduit systems for cable management - requirements for rigid conduit systems
Storage	Galvanised conduit should be stored in dry conditions to prevent wet storage stain (Should this occur, it can be removed and is unlikely to affect resistance to corrosion)

BS EN 61386 Class 4 Conduit

- Hot dipped galvanised inside and out to Class 4
- Ink Jet marked
- Threaded at both ends
- Each length supplied with one coupler and one plastic thread protector cap
- Available in 20mm and 25mm diameter and 3.00m and 3.75m lengths
- In compliance with BS EN 61386



DT20300

Catalogue Code	Product Diameter	Length	Lengths per master bundle	Metres per master bundle	Lengths per small bundle
DT20300	20mm	3.00m	400	1200m	8
DT20375		3.75m		1500m	
DT25300	25mm	3.00m	320	960m	
DT25375		3.75m		1200m	

BS 4568 and BS EN 61386 Class 4 Conduit

- Hot dipped galvanised inside and out to Class 4
- Hard stamped during manufacturing process
- Threaded at both ends
- Each length supplied with one coupler and one plastic thread protector cap
- Available in 20mm, 25mm and 32mm diameter in 3.75m lengths
- In compliance with BS 4568 and BS EN 61386



DTS25375*

Catalogue Code	Product Diameter	Length	Lengths per master bundle	Metres per master bundle	Lengths per small bundle
DTS20375*	20mm	3.75m	400	1500m	8
DTS25375*	25mm		320	1200m	
DTS32375	32mm		100	375m	4

*Special order product, minimum order quantity and lead time applies

Malleable Boxes

- 20/25mm Boxes - Cover fixings M4 at 50.8mm centres
- 32mm Boxes - Cover fixings M4 at 71.5mm centres
- 20mm Boxes - Internal depth 25mm
- 25mm Boxes - Internal depth 28mm
- 32mm Boxes - Internal depth 37mm
- Tapped M4 hole for earth terminal in base
- Manufactured to BS 4568 and BS EN 61386
- Boxes are galvanised after manufacture and meet the most demanding Class 4 corrosion protection standard

Terminal Box (1 Way)

DT21120G	20mm
DT21125G	25mm
DT21132G	32mm



DT21120G



DT22125G

Through Box (2 Way)

DT22120G	20mm
DT22125G	25mm
DT22132G	32mm



DT25120G



DT23120G

Angle Box

DT25120G	20mm
DT25125G	25mm
DT25132G	32mm



DT26120G



DT26220G

Tee Box (3 Way)

DT23120G	20mm
DT23125G	25mm
DT23132G	32mm



DT26420G



DT24125G

U Box (Branched 2 Way)

DT26120G	20mm
DT26125G	25mm

Y Box (Branched 3 Way)

DT26220G	20mm
DT26225G	25mm

H Box

DT26420G	20mm
DT26425G	25mm

Intersection Box (4 Way)

DT24120G	20mm
DT24125G	25mm

*Special order product, minimum order quantity and lead time applies

Malleable Back Outlet Boxes

Back Outlet Box

DT21420G	20mm
DT21425G*	25mm

Terminal and Back Outlet Box

DT21320G	20mm
DT21325G	25mm

Through and Back Outlet Box

DT22320G	20mm
DT22325G*	25mm

Angle and Back Outlet Box

DT25320G	20mm
DT25325G*	25mm

Tee and Back Outlet Box

DT23320G*	20mm
DT23325G*	25mm



DT21420G



DT21325G



DT22320G



DT25325G*



DT23325G*

Malleable Extension Boxes

Terminal Extension Box

DT21220G	20mm
DT21225G	25mm

Through Extension Box

DT22220G	20mm
DT22225G	25mm



DT21220G



DT22220G

Loop-In Boxes

- 20mm Boxes - Cover fixings M4 at 50.8mm centres
- 20mm Boxes - Internal depth 25mm
- Tapped M4 hole for earth terminal in base
- Malleable Boxes are galvanised after manufacture and meet the most demanding Class 4 corrosion protection standard

Loop-In Box (Malleable)

DT27001	1 Hole
DT27002	2 Hole



DT27001

Loop-In Box (Pressed Steel)

DT30001	1 Hole
DT30002	2 Hole
DT30005	4 KO



DT30001

Extension Rings (Pressed Steel)

Extension Rings (Pressed Steel)

DT31013Z*	13mm
DT31016Z	16mm
DT31020Z	20mm
DT31025Z	25mm
DT31032Z	32mm
DT31038Z*	38mm
DT31050Z	50mm



DT31013Z*

Couplers

Couplers (Steel)

DT31120G	20mm
DT31125G	25mm
DT31132G	32mm
DT31138G	1.5"
DT31150G	2"



DT31120G



DT31220G*

Earth Couplers (Malleable)

DT31220G*	20mm
DT31225G*	25mm

Flanged Couplers (Malleable)

DT31320G	20mm
DT31325G	25mm
DT31332G*	32mm



DT31320G

*Special order product, minimum order quantity and lead time applies

Bends, Elbows, Tees and Hooks

- Inspection Bends, Elbows and Tees include galvanised inspection cover

Solid Bends (Steel)

DT31420Z	20mm
DT31425Z	25mm
DT31432Z*	32mm

Inspection Bends (Malleable)

DT31520G	20mm
DT31525G*	25mm

Solid Elbows (Malleable)

DT31620G	20mm
DT31625G	25mm

Inspection Elbows (Malleable)

DT31720G	20mm
DT31725G	25mm

Solid Tees (Malleable)

DT31820G	20mm
DT31825G*	25mm

Inspection Tees (Malleable)

DT31920G	20mm
DT31925G	25mm

Suspension Hooks (Malleable)

DT32020G	20mm hook
DT32025G*	25mm hook



DT31425Z



DT31520G



DT31620G



DT31720G



DT31820G



DT31925G



DT32020G

Lids, Gaskets, Dome Covers and Hookplates

- Box lids manufactured from pre-galvanised sheet

Box Lids (Zinc Plated)

DT32201G 20/25mm 2 Holes
 DT32204G 32mm 4 Holes



DT32201G



DT32301

Gaskets (Rubber)

DT32301 20/25mm
 DT32302 32mm

Female Dome Covers (Malleable)

DT32420G 20mm
 DT32425G 25mm



DT32425G



DT32620G

Hookplates (Pre Galvanised)

DT32620G 20mm

Nipples

Standard Steel Nipples (Zinc Plated)

DT32720Z 20mm
 DT32725Z 25mm
 DT32732Z 32mm



DT32720Z



DT32732Z*

300mm Long Steel Nipples (Zinc Plated)

DT32820Z* 20mm
 DT32825Z* 25mm
 DT32832Z* 32mm

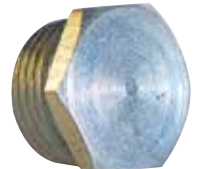
Adaptors

Screwed Reducers (Zinc Plated)

DT3302520Z 25 x 20mm
 DT3303220Z 32 x 20mm
 DT3303225Z 32 x 25mm



DT3302520Z



DT33150Z*

Hex Plugs (Zinc Plated)

DT33120Z 20mm
 DT33125Z 25mm
 DT33132Z 32mm
 DT33138Z* 1.5"
 DT33150Z* 2"

*Special order product, minimum order quantity and lead time applies

Brass Accessories

- Brass Earth Terminal suitable for use with malleable boxes
- Short and long pattern male brass bushes available

Male Brass Bush (Short)

DT40120	20mm
DT40125	25mm
DT40132	32mm
DT40138	1.5"
DT40150	2"

Male Brass Bush (Long)

DT40220	20mm
DT40225	25mm
DT40232	32mm
DT40238	1.5"
DT40250	2"

Female Brass Bush

DT40320	20mm
DT40325	25mm
DT40332	32mm
DT40338	1.5"
DT40350	2"

Brass Slotted Plugs

DT40420	20mm
DT40425*	25mm
DT40432*	32mm

Brass TRS Glands

DT40520	20mm gland hole \varnothing 7.5mm
DT40525	25mm gland hole \varnothing 11.5mm
DT40532*	32mm gland hole \varnothing 14.5mm

Brass Earth Terminal

DT40604	M4
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DT40120



DT40220



DT40320



DT40420



DT40520



DT40604

Locknuts and Lockrings

- Locknuts available in light gauge and heavy gauge

Light Steel Locknuts (Zinc Plated)

DT33320Z	20mm
DT33325Z	25mm
DT33332Z	32mm
DT33338Z	1.5"
DT33350Z	2"

Heavy Steel Locknuts (Zinc Plated)

DT33420Z*	20mm
DT33425Z*	25mm
DT33432Z*	32mm

Milled Edge Lockrings (Zinc Plated)

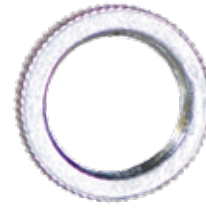
DT33520Z	20mm
DT33525Z	25mm
DT33532Z	32mm
DT33538Z	1.5"
DT33550Z	2"



DT33320Z



DT33420Z*



DT33538Z

Adaptable Boxes

- Available with knockouts or plain sides
- Knockouts are 20/25mm combination
- Manufactured from pre-galvanised steel

Adaptable Boxes

Knockout	Plain		
DT501332G	DT502332G*	3" x 3" x 2"	(75x75x50mm)
DT501442G	DT502442G*	4" x 4" x 2"	(100x100x50mm)
DT501443G	DT502443G*	4" x 4" x 3"	(100x100x75mm)
DT501662G	DT502662G*	6" x 6" x 2"	(150x150x50mm)
DT501663G	DT502663G*	6" x 6" x 3"	(150x150x75mm)
DT501664G	DT502664G*	6" x 6" x 4"	(150x150x100mm)
DT501994G	DT502994G*	9" x 9" x 4"	(225x225x100mm)
DT50112124G	DT50212124G*	12" x 12" x 4"	(300x300x100mm)



DT502332G*

Width of Side	No of KO's per Side
3"	2
4"	2
6"	4
9"	6
12"	8

*Special order product, minimum order quantity and lead time applies

Saddles

- Saddles available for use with 20mm, 25mm and 32mm conduit

Half Saddles (Zinc Plated)

DT33820Z	20mm
DT33825Z	25mm



DT33820Z



DT33932Z

Steel Saddles (Zinc Plated)

DT33920Z	20mm
DT33925Z	25mm
DT33932Z	32mm

Spacer Bar Saddles (Zinc Plated)

DT34020Z	20mm
DT34025Z	25mm
DT34032Z	32mm



DT34020Z



DT34020BK

Spacer Bar Saddles (Steel Powder Coated)

DT34020WH	20mm
DT34020BK	20mm
DT34025WH	25mm
DT34025BK	25mm

Heavy Distance Saddles (Malleable)

DT34120G	20mm
DT34125G	25mm
DT34132G	32mm



DT34120G



DT34220G

Hospital Saddles (Malleable)

DT34220G	20mm
DT34225G	25mm

Crampets and Jack Chain

Steel Crampets (Zinc Plated)

DT33620Z	20mm
DT33625Z	25mm



DT33620Z

Jack Chain (Pre Galvanised)

DT33210G*	No 10
-----------	-------



DT33210G*

Stock, Die and Guide Set

- Supplied with 20mm and 25mm dies

Stock, Die and Guide Set

DT6012025 Stock, die and guide set 20/25mm



DT6012025

Conduit Bender

- Supplied with 20mm and 25mm formers
- Includes extender arm for additional leverage
- Includes vice grip

Conduit Bender

DT615 Metal conduit bender 20/25mm



DT615

*Special order product, minimum order quantity and lead time applies





Established in 1978, Brackenheath has built a reputation for supplying a high quality range of domestic and commercial lighting products at competitive prices.

Through continuous investment in new technology, research and development, Brackenheath pioneered the design of its market leading range of iSpot® driverless LED Floodlights and continues to lead the way in bringing to market new and innovative LED lighting solutions.

Following the acquisition of Brackenheath in 2008, Deta is proud to offer an extended range of high quality and reliable lighting products to its wholesale partners.



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iSpot[®] Frameless LED Floodlights

Brackenheath's **iSpot[®] Frameless LED Floodlight** range uses driverless technology to maintain an ultra-thin, sleek appearance. The frameless design incorporates a condensation release valve, reducing the potential for water ingress or dust build-up on the lens.

A unique angled bracket allows the unit to be fully rotational, whilst the PIR (with manual override feature) can be moved both up and down and sideways, providing a range of different mounting options.



Swivel mounting bracket allows the unit to be employed in a range of positions

Supplied with 500mm pre-flexed cable designed to go through cavity walls

Unique extra long angled bracket allows both the standard and PIR units to be fully rotational

Fully adjustable PIR – movement sideways and up and down for security “blind spot” applications



High quality aluminium and toughened glass

Driver on board technology provides sleek appearance

Frameless lens design reduces the potential for water ingress or dust build-up

IP65 PIR with manual override feature



I2012B

iSpot® Frameless

- I2012B** 10W 4000K IP65 - black
- I2012W** 10W 4000K IP65 - white

- I2022B** 20W 4000K IP65 - black
- I2022W** 20W 4000K IP65 - white

- I2032B** 30W 4000K IP65 - black
- I2032W** 30W 4000K IP65 - white

- I2042B** 50W 4000K IP65 - black
- I2042W** 50W 4000K IP65 - white

- Ideal for residential applications including domestic gardens and driveways
- Condensation release valve allows continuous ventilation to the floodlight
- IP65 rating for total protection against dust and low pressure jets of water
- Angled bracket for easy installation
- Supplied with 0.5m of power flex
- Available in either black or white

Product Code	I2012B	I2012W	I2022B	I2022W	I2032B	I2032W	I2042B	I2042W
Finish	Black	White	Black	White	Black	White	Black	White
Wattage	10W		20W		30W		50W	
Lumens	900 Lm		1,800 Lm		2,700 Lm		4,500 Lm	
Impact Rating	IK07							
IP Rating	IP65							
Colour Temperature	4000K							
Voltage	220-240V (50-60Hz)							
Beam Angle	110°							
Rated Life (Hours)	30,000							
Halogen Replacement	100W		200W		300W		500W	

iSpot® Frameless with PIR



I2013B



iSpot® Frameless with PIR

I2013B	10W 4000K IP65 - black
I2013W	10W 4000K IP65 - white
I2023B	20W 4000K IP65 - black
I2023W	20W 4000K IP65 - white
I2033B	30W 4000K IP65 - black
I2033W	30W 4000K IP65 - white
I2043B	50W 4000K IP65 - black
I2043W	50W 4000K IP65 - white

- Ideal for residential applications including domestic gardens and driveways
- Condensation release valve allows continuous ventilation to the floodlight
- IP65 rating for total protection against dust and low pressure jets of water
- PIR with manual override
- PIR adjustable settings: lux, time and sensitivity
- PIR detection range of up to 10 metres
- Angled bracket for easy installation
- Supplied with 0.5m of power flex
- Available in either black or white

Product Code	I2013B	I2013W	I2023B	I2023W	I2033B	I2033W	I2043B	I2043W
Finish	Black	White	Black	White	Black	White	Black	White
Wattage	10W		20W		30W		50W	
Lumens	900 Lm		1,800 Lm		2,700 Lm		4,500 Lm	
Impact Rating	IK07							
IP Rating	IP65							
Colour Temperature	4000K							
Voltage	220-240V (50-60Hz)							
Beam Angle	110°							
Rated Life (Hours)	30,000							
Halogen Replacement	100W		200W		300W		500W	



I2014B

iSpot® Frameless CCT Dimmable

- I2014B** 10W CCT IP65 - black
- I2024B** 20W CCT IP65 - black
- I2034B** 30W CCT IP65 - black
- I2044B** 50W CCT IP65 - black

- Condensation release valve allows continuous ventilation to the floodlight
- Supplied with 0.5m of power flex and remote control
- Wattage stays consistent regardless of colour temperature change
- IP65 rating for total protection against dust and low pressure jets of water
- Single remote can control multiple fittings
- Dimmable by remote control
- Remote control covers 10 metre range
- Angled bracket for easy installation
- 90 Lm/W at 4000K, 81 Lm/W at 5000K, 76 Lm/W at 3000K

Product Code	I2014B	I2024B	I2034B	I2044B
Finish	Black			
Wattage	10W	20W	30W	50W
Lumens	900 Lm	1,800 Lm	2,700 Lm	4,500 Lm
Impact Rating	IK07			
IP Rating	IP65			
Colour Temperature	3000K/4000K/5000K			
Voltage	220-240V (50-60Hz)			
Beam Angle	110°			
Rated Life (Hours)	30,000			
Halogen Replacement	100W	200W	300W	500W

iSpot® Frameless CCT with PIR



I2015B

iSpot® Frameless CCT Dimmable with PIR

- I2015B** 10W CCT IP65 - black
- I2025B** 20W CCT IP65 - black
- I2035B** 30W CCT IP65 - black
- I2045B** 50W CCT IP65 - black

- Condensation release valve allows continuous ventilation to the floodlight
- Supplied with 0.5m of power flex
- Wattage stays consistent regardless of colour temperature change
- IP65 rating for total protection against dust and low pressure jets of water
- Single remote can control multiple fittings
- Dimmable by remote control
- Remote control covers 10 metre range
- Angled bracket for easy installation
- 90 Lm/W at 4000K, 81 Lm/W at 5000K, 76 Lm/W at 3000K
- PIR adjustable settings: lux, time and sensitivity
- PIR with manual override
- PIR detection range of up to 10 metres
- IP65 PIR

Product Code	I2015B	I2025B	I2035B	I2045B
Finish	Black			
Wattage	10W	20W	30W	50W
Lumens	900 Lm	1,800 Lm	2,700 Lm	4,500 Lm
Impact Rating	IK07			
IP Rating	IP65			
Colour Temperature	3000K/4000K/5000K			
Voltage	220-240V (50-60Hz)			
Beam Angle	110°			
Rated Life (Hours)	30,000			
Halogen Replacement	100W	200W	300W	500W



REX SLIM
FLOODLIGHT

LED Floodlights

Brackenheath's **REX Slim LED Floodlights** offers installers a complete range from 10W to 300W models. Driver on board technology, combined with a high quality aluminium casing and a toughened glass lens, ensures a sleek yet durable design. A heavy duty, swivel mounting bracket allows the unit to be installed in a range of positions.

The range offers a number of different solutions for residential, commercial and industrial applications, including a PIR option (with manual override feature) in 10W to 100W models, a Photocell option in 70W to 300W models, and a Dual Voltage option (100V to 240V) in 50W to 200W models.

Briticent 110V REX Slim LED Floodlights are also available, please see pages 302 to 305.





Fully adjustable PIR – movement sideways and up and down for security “blind spot” applications

IP65 PIR with manual override feature

High quality aluminium body and toughened glass

Driver on board technology provides sleek appearance

Swivel mounting bracket allows the unit to be installed in a range of positions

Unique extra long angled bracket allows both the standard and PIR units to be fully rotational



N6320



N6075

REX Slim

N6310	10W 4000K IP65
N6320	20W 4000K IP65
N6330	30W 4000K IP65
N6340	50W 4000K IP65
N6045	70W 4000K IP65
N6055	100W 4000K IP65
N6065	150W 4000K IP65
N6075	200W 4000K IP65
N6085	300W 4000K IP65

- Ideal for residential applications including domestic gardens and driveways
- IP65 rating for total protection against dust and low pressure jets of water
- Angled bracket for easy installation
- 10W to 50W floodlights supplied with 0.5m of power flex
- 70W to 300W floodlights supplied with 1.5m of power flex

Product Code	N6310	N6320	N6330	N6340	N6045	N6055	N6065	N6075	N6085
Finish	Black								
Wattage	10W	20W	30W	50W	70W	100W	150W	200W	300W
Lumens	900 Lm	1,800 Lm	2,700 Lm	4,500 Lm	6,300 Lm	9,000 Lm	13,500 Lm	18,000 Lm	27,000 Lm
Impact Rating	IK07				IK08				
IP Rating	IP65								
Colour Temperature	4000K								
Voltage	220-240V (50-60Hz)								
Beam Angle	115°								
Rated Life (Hours)	30,000								
Halogen Replacement	10W	20W	30W	50W	N/A				
HID Replacement	N/A				150W	250W	300W	450W	700W

REX Slim with PIR



N6321

REX Slim with PIR

N6311	10W 4000K IP65
N6321	20W 4000K IP65
N6331	30W 4000K IP65
N6341	50W 4000K IP65
N6047	70W 4000K IP65
N6057	100W 4000K IP65

- Ideal for residential applications such as domestic gardens and driveways
- IP65 rating for total protection against dust and low pressure jets of water
- PIR with manual override
- PIR adjustable settings: lux, time and sensitivity
- PIR detection range of up to 10 metres
- Angled bracket for easy installation
- 10W to 50W floodlights supplied with 0.5m of power flex
- 70W and 100W floodlights supplied with 1.5m of power flex

Product Code	N6311	N6321	N6331	N6341	N6047	N6057
Finish	Black					
Wattage	10W	20W	30W	50W	70W	100W
Lumens	900 Lm	1,800 Lm	2,700 Lm	4,500 Lm	6,300 Lm	9,000 Lm
Impact Rating	IK07				IK08	
IP Rating	IP65					
Colour Temperature	4000K					
Voltage	220-240V (50-60Hz)					
Beam Angle	115°					
Rated Life (Hours)	30,000					
Halogen Replacement	100W	200W	300W	500W	N/A	
HID Replacement	N/A				150W	250W



N6046

REX Slim with Photocell

- N6046** 70W 4000K IP65
- N6056** 100W 4000K IP65
- N6066** 150W 4000K IP65
- N6086** 300W 4000K IP65

- Ideal for industrial and commercial applications such as factories and warehouses
- Photocell feature is preset to 10~20Lx On (Dusk); 30~60Lx Off (Dawn)
- Driver on board technology
- IP65 rating for total protection against dust and low pressure jets of water
- Angled bracket for easy installation
- Supplied with 1.5m of power flex

Product Code	N6046	N6056	N6066	N6086
Finish	Black			
Wattage	70W	100W	150W	300W
Lumens	6,300 Lm	9,000 Lm	13,500 Lm	27,000 Lm
Impact Rating	IK08			
IP Rating	IP65			
Colour Temperature	4000K			
Voltage	220-240V (50-60Hz)			
Beam Angle	115°			
Rated Life (Hours)	30,000			

REX Slim Dual Voltage



N6038

REX Slim - Dual Voltage (100V-240V)

N6038	50W 4000K IP65
N6048	70W 4000K IP65
N6058	100W 4000K IP65
N6068	150W 4000K IP65
N6078	200W 4000K IP65

- Wide voltage range allows single installation for 100V to 240V applications projects due to dual voltage capabilities
- Driver on board technology
- IP65 rating for total protection against dust and low pressure jets of water
- Angled bracket for easy installation
- 50W floodlight supplied with 0.5m of power flex
- 70W to 200W floodlights supplied with 1.5m of power flex

Product Code	N6038	N6048	N6058	N6068	N6078
Finish	Black				
Wattage	50W	70W	100W	150W	200W
Lumens	5,500 Lm	7,700 Lm	11,000 Lm	16,500 Lm	22,000 Lm
Impact Rating	IK08				
IP Rating	IP65				
Colour Temperature	4000K				
Voltage	100V-240 (50-60Hz)				
Beam Angle	115°				
Rated Life (Hours)	30,000				



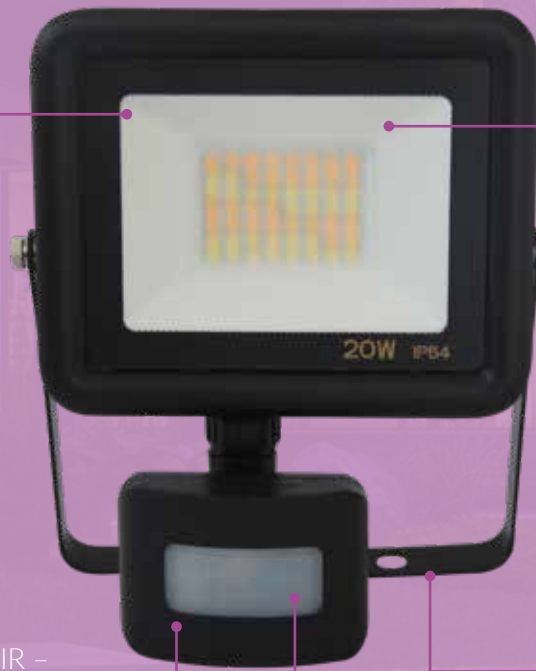
LED CCT Floodlights with Plug-in PIR

Brackenheath's **LED CCT Floodlights with Plug-in PIR** is suitable for a number of residential and commercial applications.

Available in 10-50W models, offering CCT switching (3000K/4000K/5000K) and a pre-wired connector, the range offers flexibility and is ideal for retrofit applications.

An optional plug-in, IP54 rated PIR accessory completes the range, allowing simple conversion of the standard fitting.





Driver on board technology provides sleek appearance

High quality aluminium and toughened glass

Swivel mounting bracket allows the unit to be employed in a range of positions

Unique extra long angled bracket allows both the standard and PIR units to be fully rotational

Fully adjustable PIR – movement sideways and up and down for security “blind spot” applications

IP54 PIR with manual override feature



BR3020



Pre-wired push fit connector



BR3001

LED CCT Floodlight with Plug-in PIR

BR3010	10W CCT IP65
BR3020	20W CCT IP65
BR3030	30W CCT IP65
BR3050	50W CCT IP65
BR3001	Plug-in PIR IP54

- All in one LED floodlight
- Ideal for retrofit installation with pre-fitted IP65 cable connector on rear
- CCT manual switch on rear of fitting allows switching between three colour temperatures (3000K/4000K/5000K)
- Unique Plug and Play IP54 PIR push fit option sold separately
- 10W, 20W, 30W, 50W options
- 90 Lm/W $\pm 10\%$, CRI ≥ 80

Product Code	BR3010	BR3020	BR3030	BR3050	BR3001
Wattage	10W	20W	30W	50W	N/A
Lumens	900 Lm	1,800 Lm	2,700 Lm	4,500 Lm	N/A
Impact Rating	IK06				
IP Rating	IP65				IP54
Colour Temperature	3000K/4000K/5000K				N/A
Voltage	220-240V (50-60Hz)				
Beam Angle	120°				160°
Rated Life (Hours)	25,000				





Exterior Lighting Accessories

Brackenheath's **Exterior Lighting Accessories** complement Brackenheath's comprehensive range of lighting.





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Photocells

- Ideal for both residential and commercial applications
- Compatible with all Brackenheath LED Floodlights
- Electronic detector for dusk/dawn switching
- Suitable for use within a luminaire
- 230V / 50Hz
- UV stabilised cover



PS41



N2011



PS41R



N2012

Photocells

- PS41** Miniature photocell 20mm
- PS41R** Two part photocell 20mm
- N2011** Miniature photocell 16mm
- N2012** Two part photocell 16mm

Product Code	PS41	PS41R	N2011	N2012
Switching Capacity	2 x 250W Max Inductive 250W Max Fluorescent	2 x 250W Max Inductive 250W Max Fluorescent	500W Tungsten 850Va Ballast	100W Tungsten 1800Va Ballast
On/Off Lux Level	70 Lux (Dusk to Dawn)	70 Lux (Dusk to Dawn)	10-20 Lux On 30-60 Lux Off	10-20 Lux On 30-60 Lux Off
Dimensions (L x W x H)	57 x 31 x 25mm	57 x 31 x 25mm	52.5 x 42 x 29mm	52.5 x 42 x 29mm

Photocell Kits

- Ideal for both residential and commercial applications
- Compatible with all Brackenheath LED floodlights
- Electronic detector for dusk/dawn switching
- Suitable for use within a luminaire
- 230V / 50Hz
- UV stabilised cover



PS20



N2013



PS21



N2014

Photocell Kits

- PS20** 400W photocell kit
- PS21** 400W photocell head only
- N2013** 1000W photocell kit
- N2014** 1000W photocell head only

Product Code	PS20	PS21	N2013	N2014
Switching Capacity	400W	400W	1000W Tungsten 1800Va Ballast	1000W Tungsten 1800Va Ballast
On/Off Lux Level	70 Lux (Dusk to Dawn)	70 Lux (Dusk to Dawn)	70 Lux On 105 Lux Off	10-20 Lux On 30-60 Lux Off
Connection Method	Nema Socket			

Brackets and Connectors

- Compatible with iSpot Frameless and REX Slim Floodlights up to 50W
- Steel construction
- Brackets have durable high quality black finish

Brackets and Connectors

BTHB2A	Swivel corner bracket
BTHB3A	Swivel wall bracket
BTHB9A	Scaffold bracket
I4000B	Short length weatherproof connector



BTHB2A

BTHB3A



BTHB9A

I4000B

Product Code	BTHB2A	BTHB3A	BTHB9A
Movement	270°	180°	Fixed
Mounting Fixing Centres	60mm		

Product Code	I4000B
Ampage	16A
Cable Diameter	17mm

Spikes

- Ideal for residential floodlight applications
- Can be used in a garden, field or wooded area to allow a more direct beam angle from the floodlight

Spikes

I1000B	Small spike
I2000B	Large spike
BTHB5A	Zinc coated spike
L0004	Male/female connectors (2pk)



I1000B

I2000B

BTHB5A

Product Code	I1000B	I2000B	BTHB5A
Movement	Fixed		
Length	219.3mm	242.3mm	310mm
Mounting Fixing Centres	75 & 88mm	112mm	60mm
Fits	10W	20W-30W	

PIR Detectors



- Recommended unit mounting height 1.8m - 2.5m approx.
- Detection Range 12m x 180°
- Adjustable timer 5 sec - 8 min
- Auto off/manual over-ride switching function
- Adjustable dusk-to-dawn sensor
- Maximum lighting load 250W (LED), 1200W (incandescent), 200W (fluorescent)
- Suitable for wall or ceiling mounting
- Built-in sensor prevents daytime operation



L2309B



L2309W

PIR Detectors

L2309B	Adjustable 180 degrees PIR
L2309W	Adjustable 180 degrees PIR



LED Dualbay®

Brackenheath's **LED Dualbay®** series, available in 4000K or 6500K colour temperatures, provides a unique highbay or lowbay solution for warehouses, factories, school halls and gymnasiums and other large spaces. Dualbay® is compatible with intelligent controls and offers a microwave sensor accessory option.

A microwave sensor accessory option is pre-factory set, providing significant operational cost savings and is simple to install. The active motion detector with HF system 5.8GHz can detect through plastic, glass and thin non-metal materials. By selecting a combination on the DIP switches, sensor data can be precisely set for each specific application.

Through innovation in design, Brackenheath has developed a Dualbay Mini range, providing a cost effective solution for today's competitive market.





Hanging hook included

Flicker free technology

Integral driver

Supplied with 2m of power flex

Microwave central mounting for true balance mounting

4000K or 6500K colour temperature options

IP65 rated for protection against dust and low-pressure jets of water





N9104



N9105

DualBay® Mini

- N9104 100W 4000K IP65
- N9106 100W 6500K IP65

DualBay® Mini - Microwave Sensor

- N9105 Microwave sensor

DualBay® Mini

- Suitable replacement for 250W HID fitting
- 110 Lm/W, CRI≥70
- IP65 rating for total protection against dust and low pressure jets of water
- Maximum mounting height 8-10m
- Integral driver
- Hanging hook included
- Flicker free technology
- Supplied with 2m of power flex

DualBay® Mini - Microwave Sensor

- Microwave sensor pre-set: 100% / Hold time 3 mins / 100 Lux
- Sensitivity adjustable from 10% to 100%
- Time adjustable from 5 seconds to 30 minutes
- Lux adjustable from 50 lux to 200 lux with a disable option

Product Code	N9104	N9105	N9106
Wattage	100W		
Lumens	11,000 Lm		
Impact Rating	IK08		
IP Rating	IP65		
Colour Temperature	4000K	6500K	
Voltage	220-240V (50-60Hz)		
Beam Angle	90°		
Rated Life (Hours)	30,000		
HID Replacement	250W		



N9110

DualBay®

N9110	150W 4000K IP65
N9111	150W 6500K IP65
N9120	200W 4000K IP65
N9121	200W 6500K IP65

- 110 Lm/W, CRI≥70
- IP65 rating for total protection against dust and low pressure jets of water
- Maximum mounting height 8-10m
- Integral driver
- Hanging hook included
- Flicker free technology
- Supplied with 2m of power flex
- Compatible with N9102 microwave sensor

Product Code	N9110	N9111	N9120	N9121
Wattage	150W		200W	
Lumens	16,500 Lm		22,000 Lm	
Impact Rating	IK08			
IP Rating	IP65			
Colour Temperature	4000K	6500K	4000K	6500K
Voltage	220-240V (50-60Hz)			
Beam Angle	90°			
Rated Life (Hours)	50,000			
HID Replacement	300W		400W	

Microwave Sensor



- Sensitivity adjustable from 10% to 100%
- Time adjustable from 5 seconds to 30 minutes
- Lux adjustable from 50 lux to 200 lux with a disable option
- Microwave sensor pre-set: 100% / Hold time 3 mins / 100 Lux
- Supplied with 2m of power flex



N9102

I4000B weatherproof connector required for this product

Microwave Sensor

N9102 Microwave sensor

Product Code	N9102
Detection Zone (D x H)	16m x 15m
Detection Sensitivity	100% / 75% / 50% / 25% / 10%
Hold Time	5s / 30s / 90s / 3min / 20min / 30min
Daylight Sensor	50lux / 100lux / 200lux / Disabled
Mounting Height	15m Max
Motion Detection	0.5-3m/s
Detection Angle	150° (wall installation) 360° (ceiling installation)
Operating Temperature	-35°C to 70°C

Accessories

150W & 200W Accessories

- N9100** H holder for 150W-250W
N9103 Aluminium cover for 150W-250W
I4000B Short length IP65 weatherproof connector



N9100



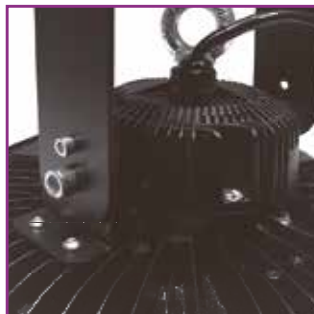
N9103



I4000B



Chain Mounting



Wall Mounting - Adjustable



Reflector Installation



LED Linear Dualbay[®]

Brackenheath's **LED Linear Dualbay[®]** series offers a driverless linear highbay or lowbay solution with a 60° beam angle and a high lumens output, providing an ideal solution for narrow walkways in warehouses, factories, school halls and gymnasiums and other large spaces.

Brackenheath's Microwave sensor is pre-factory set, providing significant operational cost savings and is simple to install. The active motion detector with HF system 5.8GHz can detect through plastic, glass and thin non-metal materials. By selecting a combination on the DIP switches, sensor data can be precisely set for each specific application.





Flicker free
technology

4000K or 6500K colour
temperature options

60° beam angle with a high
lumens (100 Lm/W) output

Driver on board technology
offers a lightweight hanging
solution



N9221



N9207

Linear Dualbay®

N9207	70W 4000K IP65
N9208	70W 6500K IP65
N9210	100W 4000K IP65
N9211	100W 6500K IP65
N9215	150W 4000K IP65
N9216	150W 6500K IP65
N9220	200W 4000K IP65
N9221	200W 6500K IP65

- 100 Lm/W, CRI≥70
- Available in 4000K and 6500K
- IP65 rating for total protection against dust and low pressure jets of water
- Flicker free technology
- Supplied with 2m of power flex
- Compatible with N9102 microwave sensor

Product Code	N9207	N9208	N9210	N9211	N9215	N9216	N9220	N9221
Wattage	70W		100W		150W		200W	
Lumens	7,000 Lm		10,000 Lm		15,000 Lm		20,000 Lm	
Impact Rating	IK08							
IP Rating	IP65							
Colour Temperature	4000K	6500K	4000K	6500K	4000K	6500K	4000K	6500K
Voltage	220-240V (50-60Hz)							
Beam Angle	60°							
Rated Life (Hours)	30,000							

Microwave Sensor

- Microwave sensor pre-set: 100% / Hold time 3 mins / 100 Lux
- Sensitivity adjustable from 10% to 100%
- Time adjustable from 5 seconds to 30 minutes
- Lux adjustable from 50 lux to 200 lux with a disable option
- Supplied with 2m of power flex
- Bracket available - N9200 (sold separately)



N9102

I4000B weatherproof connector required for this product

Microwave Sensor

N9102 Plug and play microwave sensor

Product Code	N9102
Detection Zone (D x H)	16m x 15m
Detection Sensitivity	100% / 75% / 50% / 25% / 10%
Hold Time	5s / 30s / 90s / 3min / 20min / 30min
Daylight Sensor	50lux / 100lux / 200lux / Disabled
Mounting Height	15m Max
Motion Detection	0.5-3m/s
Detection Angle	150° (wall installation) 360° (ceiling installation)
Operating Temperature	-35°C to 70°C
Power Consumption	<0.6W (standby) <1W (operation)

Accessories

Accessories

N9200 Microwave sensor bracket
I4000B Short length IP65 weatherproof connector



N9200



I4000B



LED Panels

Brackenheath's **LED Panels** are backlit, ensuring a uniform light distribution and an improved contrast. LED modules mounted at the back of the panels provide a direct light source and offer a superior lumens per watt performance.

Panels are TP(b) rated. An emergency plug-in pack is available for all models in the range.



GUARANTEE
(3 years for LED CCT Round Panels and Accessories)



White aluminium frame with high quality TP(b) diffuser

Latest backlit LED technology incorporated within a slim profile 30mm deep panel

Loop in, loop out terminals provide for an easier and more economical installation

Up to 110 Lm/W

Compatible with Brackenheath's plug and play, self-test emergency pack

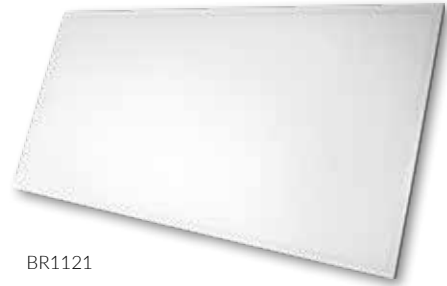
Supplied with ENEC approved driver

Full range of accessories available for recessed, suspension or surface mounting





BR1111



BR1121

LED Panels

- BR1111** 32W 4000K IP20 600x600mm
- BR1112** 32W 6000K IP20 600x600mm
- BR1121** 45W 4000K IP20 600x1200mm
- BR1122** 45W 6000K IP20 600x1200mm

BR1191 Remote 3hr emergency pack



BR1191

Product Code	BR1111	BR1112	BR1121	BR1122
Wattage	32W		45W	
Lumens	3,500 Lm		5,500 Lm	
Impact Rating	IK02			
IP Rating	IP20			
Colour Temperature	4000K	6000K	4000K	6000K
Voltage	220-240V (50-60Hz)			
Beam Angle	110°			
Rated Life (Hours)	30,000			

LED Backlit Panels

- Electronic control gear provides a low flicker light solution
- External ENEC approved driver
- TP(b) rated
- Non-dimmable
- Low glare (UGR<21)
- Loop in, loop out terminals offer ease of installation
- Surface and recessed mounting accessories available

Self-Test Emergency Pack

- Plug and play
- Compatible with all LED Panels (square, rectangular or round)
- Includes a trailing neon indicator for positioning alongside the panel
- 12-60V output 6V 2.5Ah NI-CD/NI-MH battery
- 3W output power
- 200x100x33mm, 800g

LED Panel Accessories

LED Panel Accessories

- BR1194** LED panel 6 wire suspension kit
- BR1193** Panel surface mounting kit 600x600
- BR1195** Panel surface mounting kit 600x1200mm

LED CCT Round Panels



BR1214



LED CCT Round Panels

- BR1214** 6W LED CCT IP20 120mm
- BR1224** 9W LED CCT IP20 150mm
- BR1234** 12W LED CCT IP20 170mm
- BR1244** 18W LED CCT IP20 220mm

- CCT manual switch on rear of fitting allows switching between three colour temperatures (3000K/4000K/6000K)
- Electronic control gear provides a low flicker light solution
- External ENEC approved driver
- TP(b) rated
- Non-dimmable
- Low glare (UGR<21)
- Loop in, loop out terminals offer ease of installation
- Surface and recessed mounting accessories available
- Self-test 3hr emergency pack available (BR1191)

Product Code	BR1214	BR1224	BR1234	BR1244
Wattage	6W	9W	12W	18W
Lumens	450 Lm	630 Lm	840 Lm	1,500 Lm
Impact Rating	IK02			
IP Rating	IP20			
Colour Temperature	3000K/4000K/6000K			
Voltage	220-240V (50-60Hz)			
Beam Angle	110°			
Rated Life (Hours)	25,000			

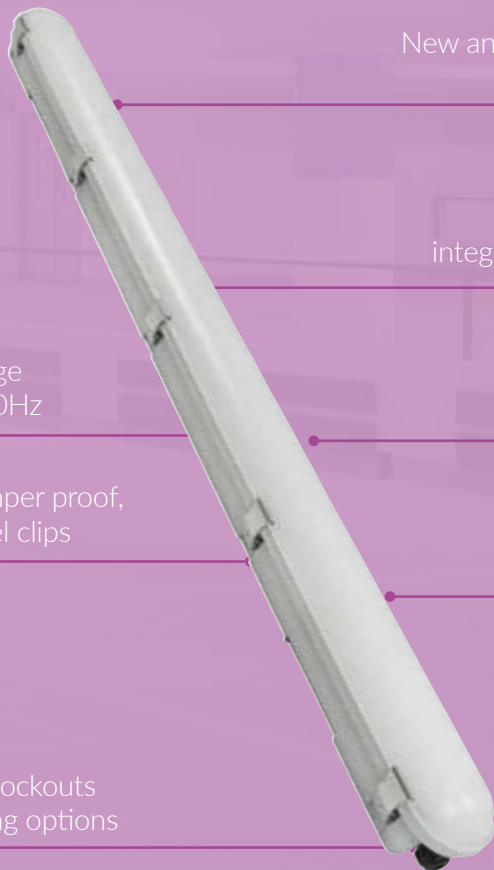


LED Weatherproofs

Brackenheath's new and improved **LED Weatherproof** fittings provide a high performance and energy efficient solution; perfect for replacing old fluorescent technology.

Incorporating a high strength opal diffuser, a quick fix, two-part hinged LED tray with tamper proof 304 stainless steel clips, Brackenheath's LED Weatherproof fittings offer a robust and easy to install solution.





New and improved quick fix, two-part hinged LED tray design

High performance linear weatherproof luminaire with integrated LED offering 120 Lm/W

Polycarbonate construction with opal diffuser and stainless steel clips

Single and twin output options equivalent to fluorescent lamp sources

Wide voltage range
100-240V/ 50-60Hz

Supplied with tamper proof,
304 stainless steel clips

20mm conduit knockouts
and besa mounting options



LED Weatherproofs

BR4112	2ft 27W 6500K IP65
BR4114	4ft 40W 6500K IP65
BR4115	5ft 40W 6500K IP65
BR4116	6ft 60W 6500K IP65

- Suitable for commercial and industrial applications
- Energy savings up to 50% compared to fluorescent luminaires
- Improved quick fix, two-part hinged design LED tray
- Supplied with tamper proof, 304 stainless steel clips
- Operating temperature -25°C to +50°C
- Besa box mounting compatible

LED Weatherproofs - High Power

BR4114T	4ft 55W 6500K IP65
BR4115T	5ft 55W 6500K IP65
BR4116T	6ft 80W 6500K IP65

Product Code	BR4112	BR4114	BR4115	BR4116	BR4114T	BR4115T	BR4116T
Length	2ft	4ft	5ft	6ft	4ft	5ft	6ft
Wattage	27W	40W	40W	60W	55W	55W	80W
Lumens	3,240 Lm	4,800 Lm	4,800 Lm	7,200 Lm	6,600 Lm	6,600 Lm	9,600 Lm
Lumens/Watt	120 Lm/W						
Impact Rating	IK08						
IP Rating	IP65						
Colour Temperature	6500K						
Voltage	220-240V (50-60Hz)						
Beam Angle	120°						
Rated Life (Hours)	50,000						

LED Weatherproofs - Emergency



LED Weatherproof - Emergency

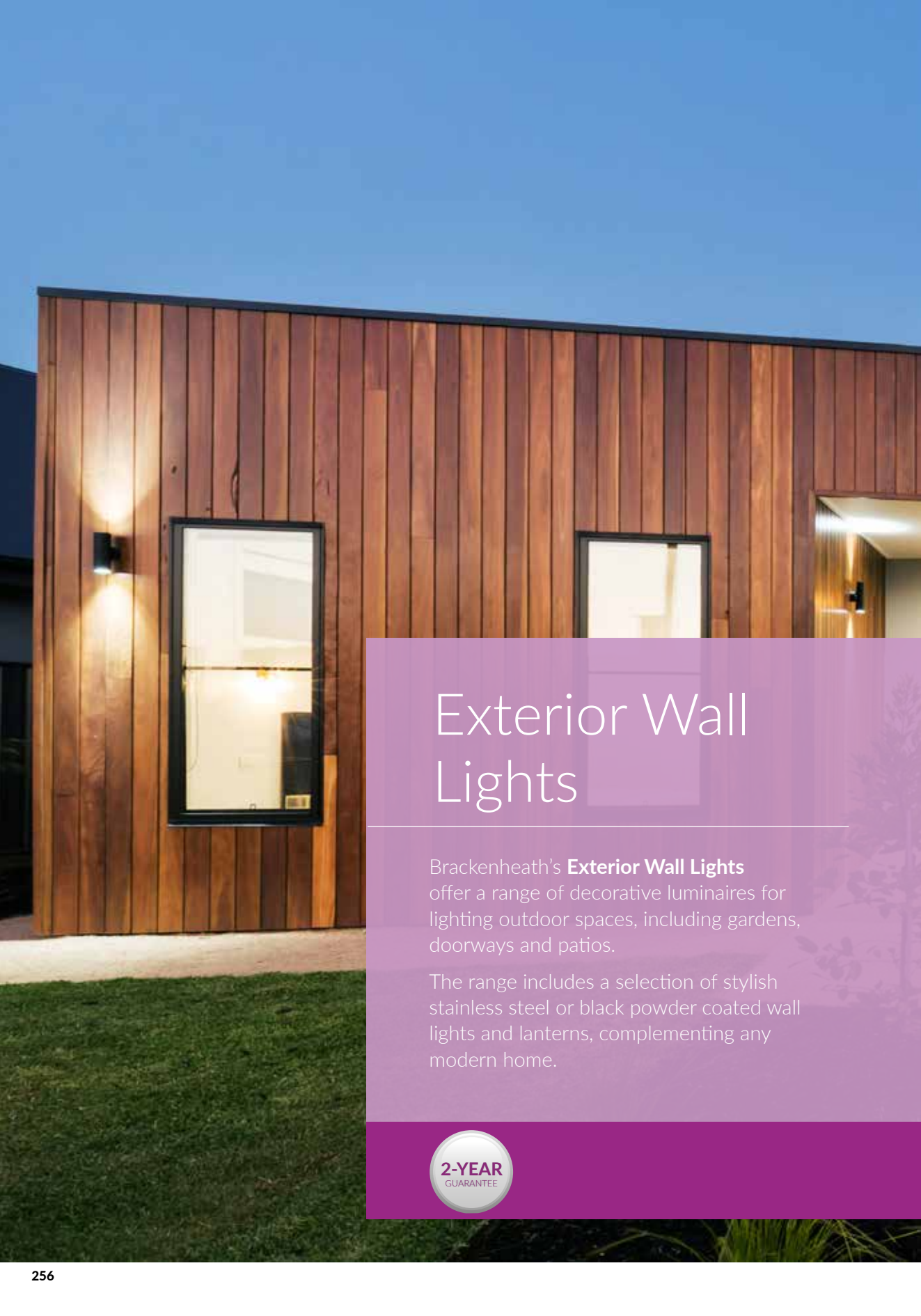
BR4112E	2ft 27W 6500K IP65 EM
BR4114E	4ft 40W 6500K IP65 EM
BR4115E	5ft 40W 6500K IP65 EM
BR4116E	6ft 60W 6500K IP65 EM

- Suitable for commercial and industrial applications
- Energy savings up to 50% compared to fluorescent luminaires
- Improved quick fix, two-part hinged design LED tray
- Supplied with tamper proof, 304 stainless steel clips
- Operating temperature 0°C to +50°C
- Besa box mounting compatible

LED Weatherproof - Emergency High Power

BR4114TE	4ft 55W 6500K IP65 EM
BR4115TE	5ft 55W 6500K IP65 EM
BR4116TE	6ft 80W 6500K IP65 EM

Product Code	BR4112E	BR4114E	BR4115E	BR4116E	BR4114TE	BR4115TE	BR4116TE
Length	2ft	4ft	5ft	6ft	4ft	5ft	6ft
Wattage	27W	40W	40W	60W	55W	55W	80W
Lumens	3,240 Lm	4,800 Lm	4,800 Lm	7,200 Lm	6,600 Lm	6,600 Lm	9,600 Lm
Lumens/Watt	120Lm/W						
Impact Rating	IK08						
IP Rating	IP65						
Colour Temperature	6500K						
Voltage	220V-240V (50-60Hz)						
Beam Angle	120°						
Rated Life (Hours)	50,000						



Exterior Wall Lights

Brackenheath's **Exterior Wall Lights** offer a range of decorative luminaires for lighting outdoor spaces, including gardens, doorways and patios.

The range includes a selection of stylish stainless steel or black powder coated wall lights and lanterns, complementing any modern home.



Wall Lights - Fixed and Adjustable



- Ideal for residential applications including domestic gardens and walkways
- Modern, aesthetically pleasing design
- Stainless steel durable 304 grade body and glass diffuser
- Black powder coated stainless steel body and glass diffuser
- Supplied without lamp

Wall Lights - Fixed

- GF621** Fixed - stainless steel
GF6010 Fixed - black



GF621



GF6010

Wall Lights - Adjustable

- GF623** Adjustable - stainless steel
GF6011 Adjustable - black



GF623



GF6011

Product Code	GF6010	GF6011	GF621	GF623
Wattage	35W			
Lamp Type	GU10			
IP Rating	IP44			
Voltage	220-240V			

Wall Lights - Up/Down



- Ideal for residential applications including domestic gardens and walkways
- Modern, aesthetically pleasing design
- Stainless steel durable 304 grade body and glass diffuser
- Black powder coated stainless steel body and glass diffuser
- Supplied without lamp

Wall Lights - Up/Down

GF622 Up/down - stainless steel
GF6012 Up/down - black



GF622



GF6012

Wall Lights - Up/Down with PIR



- Ideal for residential applications including domestic gardens and walkways
- PIR has manual override feature
- PIR adjustable settings: lux, time and sensitivity
- PIR detection range of up to 8 metres
- Modern, aesthetically pleasing design
- Stainless steel durable 304 grade body and glass diffuser
- Black powder coated stainless steel body and glass diffuser
- Supplied without lamp

Wall Lights - Up/Down with PIR

GF625 Up/down PIR - stainless steel
GF6013 Up/down PIR - black



GF625



GF6013

Product Code	GF622	GF6012	GF625	GF6013
Wattage	Lamp maximum use 35W			
Lamp Type	GU10			
IP Rating	IP44			
Voltage	220-240V			

Lanterns



- Ideal for residential applications including domestic gardens and walkways
- Sleek, aesthetically pleasing body with elegant design
- Stainless steel durable 304 grade body and glass diffuser
- Black powder coated stainless steel body and glass diffuser
- Supplied without lamp

Outdoor Wall Lighting

GF6020 Lantern - stainless steel
GF6021 Lantern - black



GF6020



GF6021

Product Code	GF6020	GF6021
Wattage	Lamp maximum use 60W	
Lamp Type	E27	
IP Rating	IP44	
Voltage	220-240V	



LED Bulkheads

Brackenheath's **LED Bulkheads** incorporate the latest LED technology with CCT, microwave and emergency options available.

Grill and eyelid clip on bezel accessories are available, offering flexibility for individual lighting requirements. Installation is quick and easy, with the bezel and diffuser easily removed, providing access to gear tray and fixing points.

The range is ideal for both domestic and commercial applications.



Spectra Bulkheads

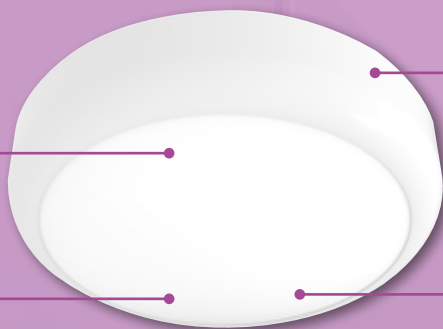
Ø320mm diameter body which is ideal for retrofit replacements

Polycarbonate base and diffuser for increased durability

Microwave sensor and emergency versions available

Hinged installation tray allows easy installation

Supplied with push fit connectors

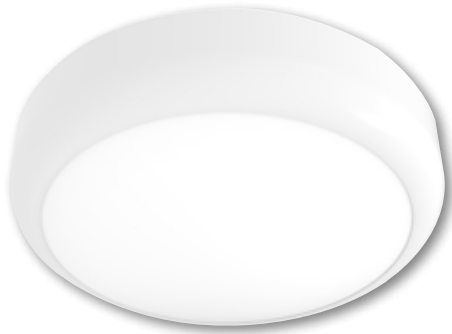


Chrome and black trim accessories available

CCT dip switch on LED tray for 3000K, 4000K, 6000K colour temperature options

Interior and exterior bulkheads ideal for residential or commercial applications

White and black round trims supplied as standard



BR6195C

Standard

BR6111 18W CCT IP65 - white

Standard + Microwave Sensor

BR6111M 18W CCT IP65 MW - white

Standard + Emergency

BR6111E 18W CCT IP65 EM - white

Standard + Microwave Sensor + Emergency

BR6111EM 18W CCT IP65 MW + EM - white

Accessories

BR6195C Chrome bezel

- CCT as standard (3000K/4000K/6000K)
- Energy savings of up to 55% compared to luminaires that use CFL
- ENEC approved driver
- Hinge feature on tray allows for easy installation
- Surface mounting luminaire with 4 side and 1 rear 20mm conduit entry points
- High impact polycarbonate housing
- Ø320mm diameter body which is ideal for retrofit replacements
- Decorative chrome bezel accessory available

Microwave Sensor

- Microwave sensor with corridor function
- Up to 360° detection within 6m range
- Easily adjustable after initial installation
- 6m maximum ceiling mounting height
- 3m maximum wall mounting height
- Adjustable hold time - 5 secs / 1 min / 3 mins / 10 mins
- Adjustable sensitivity - 50% / 100%

Emergency

- 3 hour emergency feature
- 3W power consumption in emergency mode

Product Code	BR6111	BR6111M	BR6111E	BR6111EM
Finish	White	White	White	White
Wattage	18W			
Lumens	1,550 Lm			
Impact Rating	IK10			
IP Rating	IP65			
Colour Temperature	3000K/4000K/6000K			
Voltage	220-240V			
Rated Life (Hours)	30,000			

Spectra LED CCT IP65 Bulkheads



BR6296B



BR6297B

Standard

BR6111B LED CCT IP65 - black

Standard + Microwave Sensor

BR6111BM LED CCT IP65 MW -black

Standard + Emergency

BR6111BE LED CCT IP65 EM - black

Standard + Microwave Sensor + Emergency

BR6111BEM LED CCT IP65 MW + EM - black

Accessories

BR6196B Black trim ring for eyelid

BR6197B Black trim ring for grille

- CCT as standard (3000K/4000K/6000K)
- Energy savings of up to 55% compared to luminaires that use CFL
- ENEC approved driver
- Hinge feature on tray allows for easy installation
- Surface mounting luminaire with 4 side and 1 rear 20mm conduit entry points
- High impact polycarbonate housing
- Ø320mm diameter body which is ideal for retrofit replacements
- Decorative eyelid or grille accessory trims available

Microwave Sensor

- Microwave sensor with corridor function
- Up to 360° detection within 6m range
- Easily adjustable after initial installation
- 6m maximum ceiling mounting height
- 3m maximum wall mounting height
- Adjustable hold time - 5 secs / 1 min / 3 mins / 10 mins
- Adjustable sensitivity - 50% / 100%

Emergency

- 3 hour emergency feature
- 3W power consumption in emergency mode

Product Code	BR6111B	BR6111BM	BR6111BE	BR6111BEM
Finish	Black	Black	Black	Black
Wattage	18W			
Lumens	1,550 Lm			
Impact Rating	IK10			
IP Rating	IP65			
Colour Temperature	3000K/4000K/6000K			
Voltage	220-240V			
Rated Life (Hours)	30,000			

LED CCT IP54 Bulkheads



- CCT as standard (3000K/4000K/6000K)
- Ideal for commercial and residential applications
- CCT dip switch on LED tray
- Tamper proof construction
- Manufactured with flame retardant polycarbonate

Microwave Sensor

- Up to 360° detection within 6m range
- Easily adjustable after initial installation
- 6m maximum ceiling mounting height
- 3m maximum wall mounting height
- Adjustable hold time - 5 secs / 1 min / 3 mins / 10 mins
- Adjustable sensitivity - 50% / 100%

Emergency

- 3 hour emergency feature
- 3W power consumption in emergency mode



E9700



E9703

Standard

E9700 LED CCT IP54

Standard + Microwave Sensor

E9701 LED CCT IP54 MW

Standard + Emergency

E9702 LED CCT IP54 EM

Standard + Microwave Sensor + Emergency

E9703 LED CCT IP54 MW + EM

Product Code	E9700	E9701	E9702	E9703
Wattage	18W			
Lumens	1,350 Lm			
Impact Rating	IK10			
IP Rating	IP54			
Colour Temperature	3000K/4000K/6000K			
Voltage	220-240V			
Beam Angle	120°			
Rated Life (Hours)	30,000			

LED CCT IP65 Drum Bulkheads



- CCT as standard (3000K/4000K/6000K)
- Ideal for commercial and residential applications
- CCT dip switch on LED tray
- Tamper proof construction
- Manufactured with flame retardant polycarbonate

Microwave Sensor

- Up to 360° detection within 6m range
- Easily adjustable after initial installation
- 6m maximum ceiling mounting height
- 3m maximum wall mounting height
- Adjustable hold time - 5 secs / 1 min / 3 mins / 10 mins
- Adjustable sensitivity - 50% / 100%

Emergency

- 3 hour emergency feature
- 3W power consumption in emergency mode



E9704



E9705

Standard

- E9704 LED CCT IP54 - black
- E9708 LED CCT IP54 - white

Standard + Microwave Sensor

- E9705 LED CCT IP54 MW - black
- E9709 LED CCT IP54 MW - white

Standard + Emergency

- E9706 LED CCT IP54 EM - black
- E9710 LED CCT IP54 EM - white

Standard + Microwave Sensor + Emergency

- E9707 LED CCT IP54 MW + EM - black
- E9711 LED CCT IP54 MW + EM - white

Product Code	E9704	E9708	E9705	E9709	E9706	E9710	E9707	E9711
Finish	Black	White	Black	White	Black	White	Black	White
Wattage	18W							
Lumens	1,400 Lm							
Impact Rating	IK10							
IP Rating	IP54							
Colour Temperature	3000K/4000K/6000K							
Voltage	220-240V							
Beam Angle	120°							
Rated Life (Hours)	30,000							

Compact Bulkhead with PIR



- Recommended unit mounting height 1.8m - 2.5m
- Detection range 12m x 110°
- Adjustable timer 5 sec - 5 min approx.
- Auto off/manual over-ride switching function
- Built-in adjustable sensor prevents daytime operation
- Maximum detector lighting load 500W
- Adjustable dusk-to-dawn sensor
- Cable channels moulded into rear casing
- Black body with prismatic diffuser
- ES27 lampholder maximum 60W
- Available with a choice of 9.5W 2800K or 4000K LED lamps
- IP44 rated



L2305

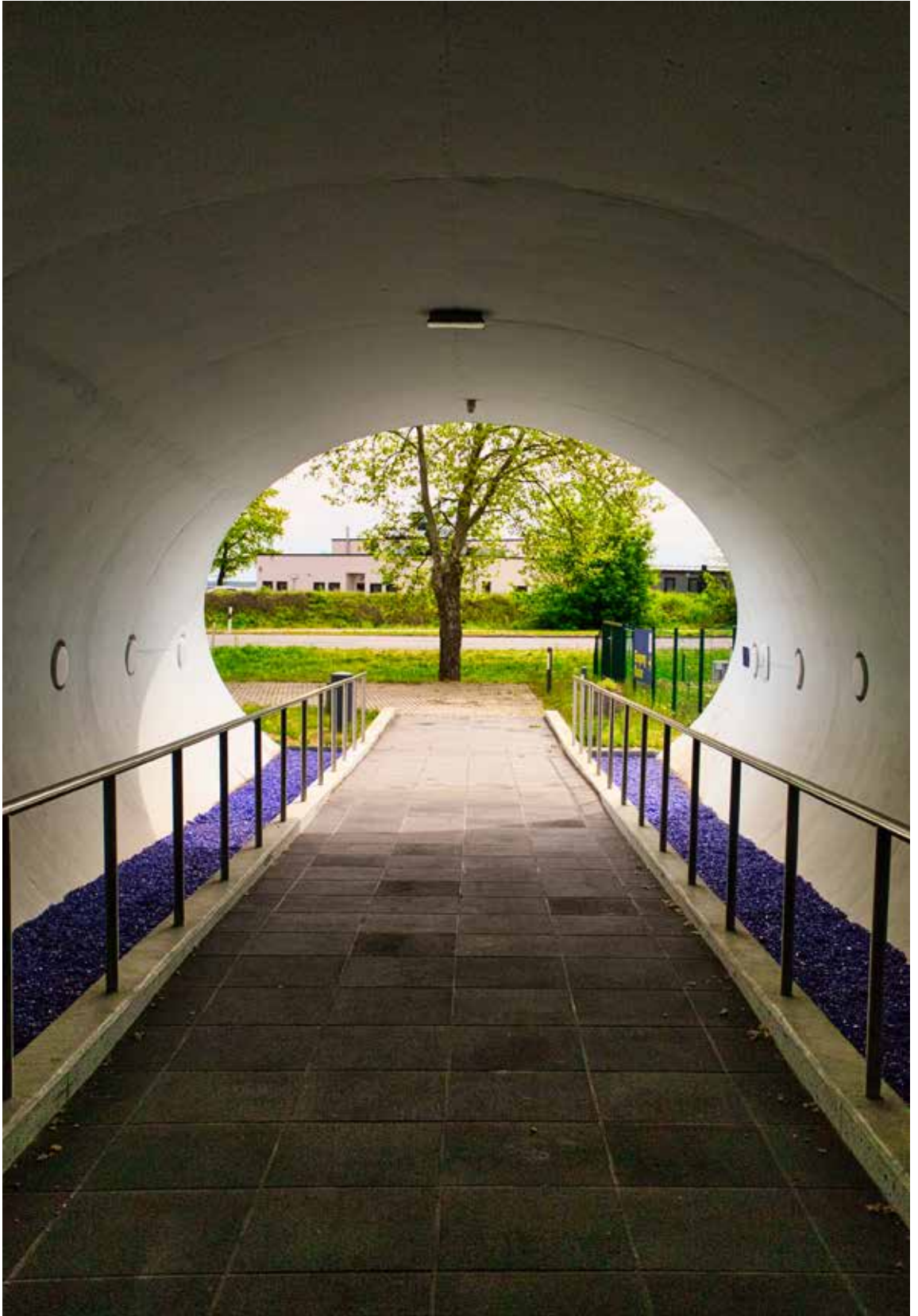
Bulkhead with PIR

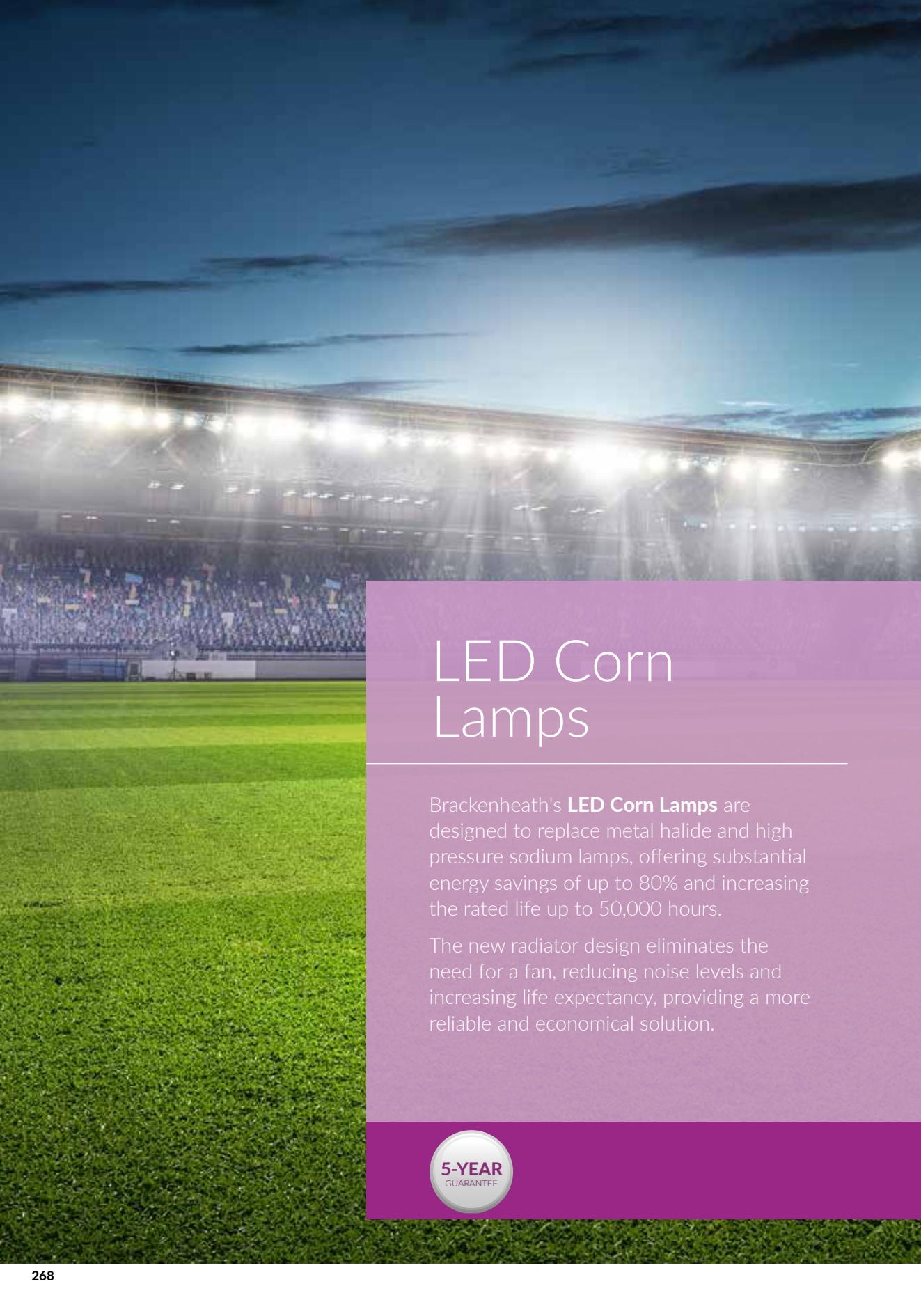
L2305 Compact bulkhead with PIR

LED Bulkhead with PIR

L2305LED3 9.5W 2800K IP44
L2305LED4 9.5W 4000K IP44

Product Code	L2305	L2305LED3	L2305LED4
Wattage	-	9.5W	
Lumens	-	810 Lm	
IP Rating	IP44		
Colour Temperature	-	2800K	4000K
Voltage	220-240V		
Rated Life (Hours)	-	50,000	





LED Corn Lamps

Brackenheath's **LED Corn Lamps** are designed to replace metal halide and high pressure sodium lamps, offering substantial energy savings of up to 80% and increasing the rated life up to 50,000 hours.

The new radiator design eliminates the need for a fan, reducing noise levels and increasing life expectancy, providing a more reliable and economical solution.





Internal driver

Direct LED replacements for old technology lamps

Unique radiator design eliminates the need for a fan

IP65 rating for total protection against dust and low-pressure jets of water

Wide voltage range
AC 100V - 240V

360° light output



R8019



R8027

LED Corn Lamps - E27

R8019 19W 6500K IP65
R8027 27W 6500K IP65

- Ideal for commercial applications including warehouses and factories
- Unique radiator design eliminates the need for a fan
- 360° light output
- Rated life of 50,000 hours
- Can be used with PIR sensors
- IP65 rating for total protection against dust and low pressure jets of water
- Internal driver
- Direct replacement for metal halide
- Easy installation

Product Code	R8019	R8027
Wattage	19W	27W
MH Equivalent	70W	100W
Lumens	2,660 Lm	3,780 Lm
IP Rating	IP65	
Colour Temperature	6500K	
Voltage	100-240V	
Rated Life (Hours)	50,000	

LED Corn Lamps - E40



R8080



R8100

LED Corn Lamps - E40

R8036	36W 6500K IP65
R8054	54W 6500K IP65
R8080	80W 6500K IP65
R8100	100W 6500K IP65

- Ideal for commercial applications including warehouses and factories
- Unique radiator design eliminates the need for a fan
- 360° light output
- Rated life of 50,000 hours
- Can be used with PIR sensors
- IP65 rating for total protection against dust and low pressure jets of water
- Internal driver
- Direct replacement for metal halide
- Easy installation

Product Code	R8036	R8054	R8080	R8100
Wattage	36W	54W	80W	100W
MH Equivalent	120W	150W	250W	250W
Lumens	5,040 Lm	7,560 Lm	11,200 Lm	14,000 Lm
IP Rating	IP65			
Colour Temperature	6500K			
Voltage	100-240V			
Rated Life (Hours)	50,000			

Emergency Lighting

Brackenheath's **Emergency Lighting** range has been innovatively designed to offer a contemporary and reliable alternative to the traditional style of emergency fittings available.

Meeting the code of practice for the emergency lighting of premises, the range includes ultra slim exit boxes, exit signs and bulkheads.





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Emergency Lighting

The Code of Practice for the Emergency Lighting of Premises

What is Emergency Lighting?

Emergency Lighting is required to operate fully automatically and give illumination of a sufficiently high level to enable all occupants to evacuate the premises safely. Most new buildings now have emergency lighting installed during construction; the design and type of equipment being specified by the architect in accordance with current Building Regulations and any local authority requirement.

Emergency Escape Lighting?

One of the most important parts of an emergency lighting system, is that it provides illumination for the safety of people leaving a location or attempting to terminate a potentially dangerous process beforehand. It is part of the fire safety provision of a building and a requirement of The Regulatory Reform (Fire Safety Order 2005).

Standby Lighting?

This is part of an Emergency / Lighting system provided to enable normal activities to continue substantially unchanged. This is not a legal requirement and is a facility that may or may not be needed, depending on the use and occupancy of the premises.

Escape Route Lighting?

The part of an Emergency escape lighting system provided to ensure that the means of escape can be effectively identified and safely used by occupants of the building.

Open Area Lighting?

This is part of an Emergency escape lighting system provided to minimise panic and ensure there is sufficient illumination to allow the occupants of a building to reach a place where an escape route can be identified.



Mode of Operation

Maintained Emergency Luminaire

A luminaire in which the emergency lighting lamps are on at all times. Maintained mode is generally used in places of assembly such as theatres, cinemas, clubs and halls; the full list is contained in BS 5266. The lights are typically dimmed when these premises are occupied and the emergency escape lighting prevents total darkness. Maintained fire exit signs are also used in public spaces even where these are well lit to offer clear escape route guidance in evacuation situations where the power does not fail.

Non-Maintained Emergency Luminaire

A luminaire whose emergency lamps only come on when the power supply to normal lighting fails. Non-maintained is the typical mode in a workplace or similar environment in which artificial lighting is normally deployed while the premises are occupied.

Minimum Emergency Duration

The minimum duration of an emergency escape lighting system is 1 hour. A minimum duration of 3 hours should be used for emergency escape lighting if the premises are not evacuated immediately, as in the case of sleeping accommodation for example, or if the premises will be reoccupied immediately the supply is restored without waiting for the batteries to be recharged.

Testing Requirements

Monthly Emergency Lighting Tests

All emergency lighting systems must be tested monthly. The test is a short functional test in accordance with BS EN 50172:2004 / BS 5266-8:2004. During this period, all luminaires and signs shall be checked to ensure that they are present, clean and functionally correct.

Annual Emergency Lighting Tests

A test for the full rated duration of the emergency lights must be carried out. The emergency lights must still be working at the end of this test. The result must be recorded and if failures are detected, these must be remedied as soon as possible.



LED IP65 Twin Spot



- Non-maintained
- 3 hour battery duration
- Ideal replacement for old style halogen twin spot fittings
- Includes bi-colour LED indicator for manual inspection
- Tilt and pan heads allows light to be directed as required
- Self-test operation
- After 24 hour initial charge a full 3 hour test is performed automatically
- IP65 rating for total protection against dust and low pressure jets of water
- Self-test operation every 30 days for 52 weeks of the year
- Battery 9.6V 2200mAh Nickel Cadmium



E9201

LED IP65 Twin Spot

E9201 2 x 7.5W 6000K IP65

LED IP20 Twin Spot



- Suitable for use in industrial and commercial applications
- Non-maintained
- 3-hour battery duration
- Ideal replacement for old style halogen twin spot fittings
- Includes bi-colour LED indicator for manual inspection
- Tilt and pan heads allows light to be directed as required
- 2 x 3.5W LED
- Battery 3.6V 3000mAh Nickel Cadmium



E9202

LED IP20 Twin Spot

E9202 2 x 3.5W 6000K IP20

Product Code	E9201	E9202
Wattage	2 x 7.5W	2 x 3.5W
Lumens	470 Lm	390 Lm
IP Rating	IP65	IP20
Colour Temperature	6000K	
Voltage	220-240V	
Rated Life (Hours)	35,000	

LED Exit Boxes



- Suitable for use in industrial and commercial applications
- Durable steel body with polycarbonate screen
- Supplied with legend kit featured in image
- Supplied maintained and can be wired non-maintained



E9101

LED Exit Boxes

- E9101** 3W 6000K IP20
- E9102** 3W 6000K IP20 slim

LED Hanging Exit Sign



- Suitable for use in industrial and commercial applications
- Supplied with complete legend kit, including all arrows
- Visible up to 24m
- Slim aesthetically pleasing body only 51mm deep



E9400

LED Hanging Exit Sign

- E9400** 3W 6000K IP20

LED Suspended Exit Sign



- Suitable for use in industrial and commercial applications
- Adjustable hanging length
- External push button to simulate temporary mains failure
- Supplied with complete legend kit, including all arrows
- Slimline body



E9401

LED Suspended Exit Sign

- E9401** 3W 6000K IP20

Product Code	E9101	E9102	E9400	E9401
Wattage	3W			
IP Rating	IP20			
Colour Temperature	6000K			
Voltage	200-240V			
Rated Life (Hours)	35,000			

LED Bulkhead & Accessories

- Suitable for use in industrial and commercial applications
- Impact resistant polycarbonate diffuser and base on bulkhead
- Supplied maintained and can be wired non-maintained
- Constant light output when operating on mains or battery power
- IP65 rating for total protection against dust and low pressure jets of water
- Supplied with legend stickers



E9301

LED Emergency Bulkhead

E9301 2.5W 6000K IP65

Product Code	E9301
Wattage	2.5W
Lumens	120 Lm
IP Rating	IP65
Colour Temperature	6000K
Voltage	220-240V
Rated Life (Hours)	35,000



Bulkhead Recess Kit

- Suitable for use in industrial and commercial applications
- Designed for flexible installation
- Complete with retaining spring clips
- Semi recessable in ceiling or wall



E9302

Bulkhead Recess Kit

E9302 Bulkhead recess kit accessory

Bulkhead Hanging Sign

- Suitable for use in industrial and commercial applications
- Turns bulkhead into an emergency hanging exit sign
- Includes three directional legends and one blank legend
- Impact resistant iron body with clear acrylic board holder

Bulkhead Hanging Sign

E9303 Bulkhead hanging sign

E9303 The bulk head is supplied separately

LED Mini Emergency Downlight



- Suitable for use in industrial and commercial applications
- Comes complete with separate driver and battery pack
- Supplied with white and silver bezels
- Recessed ceiling mounted



E9500

LED Mini Emergency Downlight

E9500 3W 6000K IP20

LED Recessed Emergency Downlight



- Suitable for use in industrial and commercial applications
- Supplied non-maintained
- Comes with 3 interchangeable optical lenses
- Can be either surface or recess mounted



E9501

LED Recessed Emergency Downlight

E9501 3W 6000K IP20

Product Code	E9500	E9501
Wattage	3W	
Lumens	150 Lm	
IP Rating	IP20	
Colour Temperature	6000K	
Voltage	200-240V	
Rated Life (Hours)	35,000	

Disabled Toilet Alarm Kit

- Suitable for use in industrial and commercial applications
- Allows individual to raise an alarm in the event of an emergency
- Kit includes main control panel (inc. 9V battery), remote reset panel, overdoor indicator & sounder, ceiling pull cord switch & disabled WC sticker.



B1000

Disabled Toilet Alarm Kit

B1000 Disabled toilet alarm kit



LED Batten Fittings

Brackenheath's **LED Batten Fittings** include a comprehensive selection of single and twin fittings as well as slimline fittings with CCT, emergency and PIR options. All fittings are easy to install with fast mounting push clips and push-fit connectors and are offered in a wide selection of sizes.

The new Professional range offers CCT as standard and is available in standard and emergency options. With a steel body construction, 20mm conduit entry points and a high performance LED output, these fittings are suitable for a direct fix to trunking and conduit mounting and offer an energy efficient replacement for traditional fluorescent pop packs.

The Slimline batten range is available with and without a selectable CCT option. The CCT option is dimmable and is supplied with a remote which allows the user to control the colour temperature range from 3000K to 6000K.



Contents

LED Professional Battens	282 - 283
LED Economy Battens	284 - 285
LED Slimline Battens	286 - 287



LED Professional Battens - CCT

- BR5114** 4ft 20W CCT IP20
- BR5115** 5ft 30W CCT IP20
- BR5116** 6ft 40W CCT IP20

LED Professional Battens - CCT Twin

- BR5114T** 4ft 40W CCT IP20
- BR5115T** 5ft 60W CCT IP20
- BR5116T** 6ft 80W CCT IP20

- High performance LED batten option for multi-purpose applications
- Single and twin options available
- Instant light output with unlimited switching
- Up to 56% energy saving compared to T8 fluorescent
- CCT 3000K/4000K/5000K
- Connection option via 20mm conduit entry
- Steel body construction with powder coat finish
- Polycarbonate diffuser and end caps
- Wire suspension options provided with products
- ENEC approved driver

Product Code	BR5114	BR5115	BR5116	BR5114T	BR5115T	BR5116T
Length	4ft	5ft	6ft	4ft	5ft	6ft
Wattage	20W	30W	40W	40W	60W	80W
Lumens	2,000 Lm	3,000 Lm	4,000 Lm	4,000 Lm	6,000 Lm	8,000 Lm
Lumens per Watt	100 Lm/W					
IP Rating	IP20					
Colour Temperature	3000K/4000K/5000K					
Beam Angle	120°					
Rated Life (Hours)	50,000					

LED Professional Battens - CCT Emergency



LED Professional Battens - CCT Emergency

BR5114E	4ft 20W CCT IP20 Em
BR5115E	5ft 30W CCT IP20 Em
BR5116E	6ft 40W CCT IP20 Em

LED Professional Battens - CCT Emergency Twin

BR5114TE	4ft 40W CCT IP20 Em
BR5115TE	5ft 60W CCT IP20 Em
BR5116TE	6ft 80W CCT IP20 Em

- High performance LED batten option for multi-purpose applications
- Single and twin options available
- Instant light output with unlimited switching
- 3 hour emergency function
- Up to 56% energy saving compared to T8 fluorescent
- CCT 3000K/4000K/5000K
- Connection option via 20mm conduit entry
- Steel body construction with powder coat finish
- Polycarbonate diffuser and end caps
- Wire suspension options provided with products
- ENEC approved driver

Product Code	BR5114E	BR5115E	BR5116E	BR5114TE	BR5115TE	BR5116TE
Length	4ft	5ft	6ft	4ft	5ft	6ft
Wattage	20W	30W	40W	40W	60W	80W
Lumens	2,000 Lm	3,000 Lm	4,000 Lm	4,000 Lm	6,000 Lm	8,000 Lm
Lumens per Watt	100 Lm/W					
IP Rating	IP20					
Colour Temperature	3000K/4000K/5000K					
Beam Angle	120°					
Rated Life (Hours)	50,000					



PIR Sensor

LED Economy Battens - Single

- T2010** 4ft 16W 4000K IP20
- T2020** 5ft 18W 4000K IP20
- T2030** 6ft 24W 4000K IP20

- Suitable for surface and ceiling mounting
- Ultra slim white metal body with PC end caps
- Nano diffuser for even light distribution
- Quick installation with push fit connector
- Flicker free instant start
- Integrated LED driver with thermal cut-out
- Ra≥80

LED Economy Battens - Single + PIR

- T2012** 4ft 16W 4000K IP20 PIR
- T2022** 5ft 18W 4000K IP20 PIR
- T2032** 6ft 24W 4000K IP20 PIR

- PIR Sensor:**
- PIR detection range - 120°
 - PIR detection distance - 8m
 - PIR hold time - 10±1minute
 - PIR lux level - pre-set

Product Code	T2010	T2020	T2030	T2012	T2022	T2032
Length	4ft	5ft	6ft	4ft	5ft	6ft
Wattage	16W	18W	24W	16W	18W	24W
Lumens	1,840 Lm	2,200 Lm	2,900 Lm	1,840 Lm	2,200 Lm	2,900 Lm
IP Rating	IP20					
Colour Temperature	4000K					
Beam Angle	170°					
Rated Life (Hours)	25,000					

LED Economy Battens - Twin



LED Economy Battens - Twin

T2011	4ft 30W 4000K IP20
T2021	5ft 36W 4000K IP20
T2031	6ft 48W 4000K IP20

- Suitable for surface and ceiling mounting
- Ultra slim white metal body with PC end caps
- Nano diffuser for even light distribution
- Quick installation with push fit connector
- Flicker free instant start
- Integrated LED driver with thermal cut-out
- Ra≥80

Product Code	T2011	T2021	T2031
Length	4ft	5ft	6ft
Wattage	30W	36W	48W
Lumens	3,240 Lm	4,000 Lm	5,570 Lm
IP Rating	IP20		
Colour Temperature	4000K		
Beam Angle	140°		
Rated Life (Hours)	25,000		



LED Slimline Battens - Dimmable CCT

- BR5412** 2ft 18W CCT IP20
- BR5414** 4ft 36W CCT IP20
- BR5415** 5ft 50W CCT IP20
- BR5416** 6ft 72W CCT IP20

LED Slimline Battens - Dimmable CCT Remote

- BR5410** Dimmable CCT Remote

Battens

- Dimmable and colour changeable with remote control
- Suitable for surface and ceiling mounting
- Ultra slim aluminium body with PC end caps
- Integrated LED driver
- Supplied with extra-long power lead for central mounting
- Supplied with mounting brackets
- Dimmable from 3% to 100%
- Memory function automatically restores last CCT setting
- BR5410 remote sold separately,

Remote

- On/Off, Dimming and CCT control options from remote
- Control operation up to 30m
- Four control channels allow for simultaneous control of up to:
 - 50 x 2ft battens
 - 25 x 4ft battens
 - 20 x 5ft battens
 - 16 x 6ft battens

Product Code	BR5412	BR5414	BR5415	BR5416
Length	2ft	4ft	5ft	6ft
Wattage	18W	36W	50W	72W
Lumens	1,600 Lm	3,200 Lm	4,000 Lm	5,760 Lm
IP Rating	IP20			
Colour Temperature	3000K up to 6000K			
Rated Life (Hours)	20,000			

LED Slimline Battens



LED Slimline Battens - 3000K

T2042	2ft 18W 3000K IP20
T2052	4ft 36W 3000K IP20
T2062	5ft 50W 3000K IP20
T2082	6ft 72W 3000K IP20

- Suitable for surface and ceiling mounting
- Ultra slim aluminium body with PC end caps
- LED built in driver
- Supplied with extra-long power lead for central mounting
- Supplied with mounting brackets

LED Slimline Battens - 4000K

T2041	2ft 18W 4000K IP20
T2051	4ft 36W 4000K IP20
T2061	5ft 50W 4000K IP20
T2081	6ft 72W 4000K IP20

Product Code	T2042	T2052	T2062	T2082	T2041	T2051	T2061	T2081
Length	2ft	4ft	5ft	6ft	2ft	4ft	5ft	6ft
Wattage	18W	36W	50W	72W	18W	36W	50W	72W
Lumens	1,440 Lm	2,880 Lm	4,000 Lm	5,760 Lm	1,440 Lm	2,880 Lm	4,000 Lm	5,760 Lm
IP Rating	IP20							
Colour Temperature	3000K				4000K			
Rated Life (Hours)	25,000							



LED Under Cabinet Lighting

Brackenheath's **LED Under Cabinet Lighting** range can be easily linked or butted together to create a continuous lighting effect over a large surface area and is perfect for illuminating displays and kitchen surfaces.

With CCT incorporated as a standard feature, offering three colour temperatures (3000K/4000K/6000K) within one fixture, the range provides installers and end users with full flexibility.



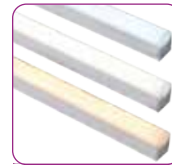
LED Under Cabinet Lighting - CCT



- Ideal solution for both home and office applications
- Suitable for surface and ceiling mounting
- Manufactured with a slide switch to adjust colour temperature and switch on/off
- 20,000 lifetime operation hours
- Ultra slim aesthetically pleasing body
- Supplied with 1.8m power lead and mounting brackets
- Operating voltage of 100V-240V AC



T3071



CCT 3000K/4000K/6000K

LED Under Cabinet Lighting - CCT

T3071	313mm 4W CCT
T3072	573mm 8W CCT
T3073	873mm 10W CCT
T3074	907mm 12W CCT
T3075	1173mm 14W CCT

Product Code	T3071	T3072	T3073	T3074	T3075
Length	313mm	573mm	873mm	907mm	1173mm
Wattage	4W	8W	10W	12W	14W
Lumens	320 Lm	640 Lm	800 Lm	960 Lm	1,120 Lm
IP Rating	IP20				
Colour Temperature	3000K/4000K/6000K				
Beam Angle	120°				

Accessories

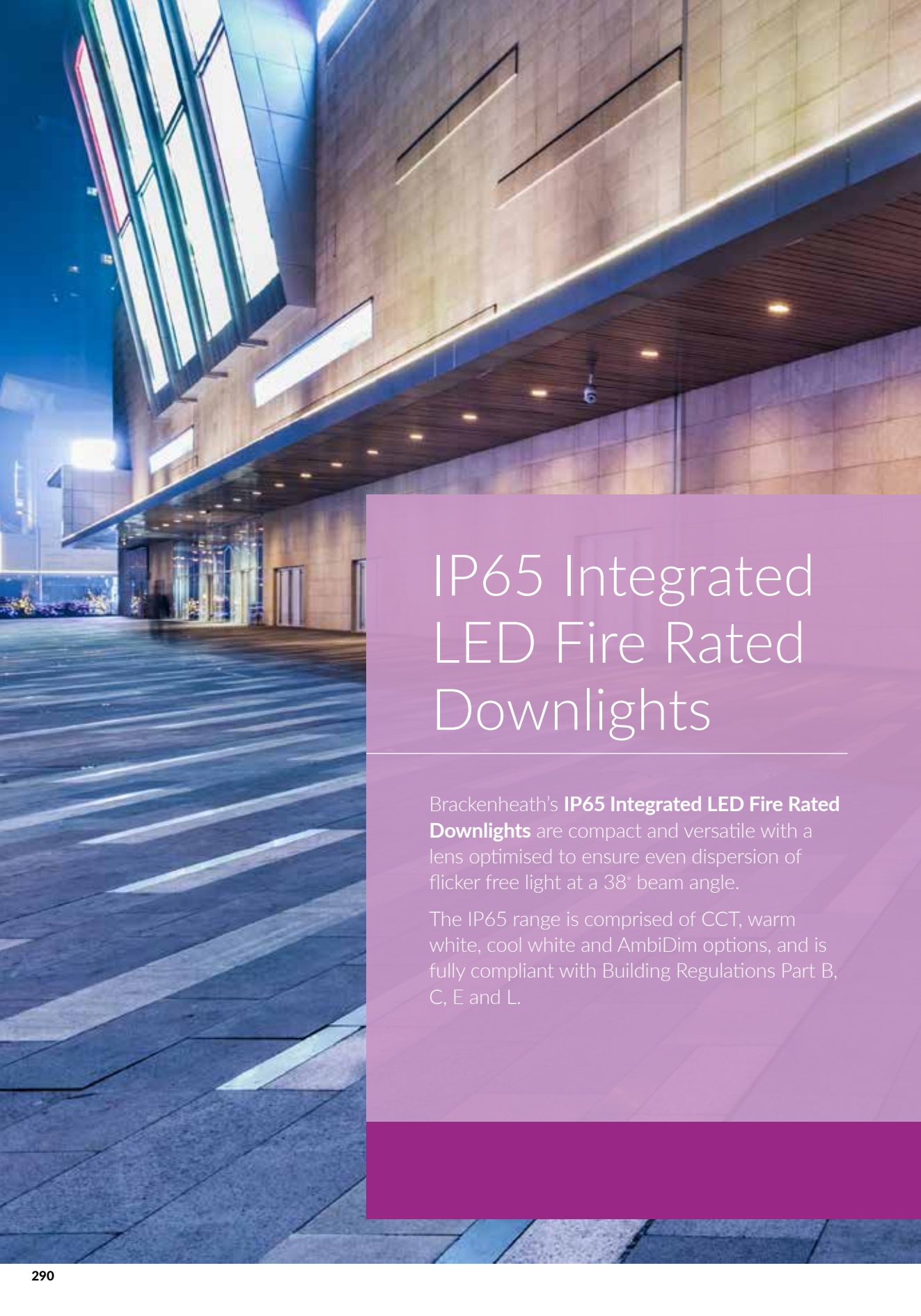
- Leads for the above CCT range
- Available in different lengths to suit all applications

Link Leads

T3077	500mm link lead
T3078	1000mm link lead
T3079	150mm link lead

Spares

T3076	1.8m power lead
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IP65 Integrated LED Fire Rated Downlights

Brackenheath's **IP65 Integrated LED Fire Rated Downlights** are compact and versatile with a lens optimised to ensure even dispersion of flicker free light at a 38° beam angle.

The IP65 range is comprised of CCT, warm white, cool white and AmbiDim options, and is fully compliant with Building Regulations Part B, C, E and L.



Only 50mm tall, perfect for shallow ceiling voids

Large 3 way screwless loop-in-loop-out terminal block and inline connector for quick installation



IC-F Rated Construction which allows installation to be laid directly over the fitting

Twist and lock bezels, White as standard, Chrome and Stainless, Steel bezels available separately

Spring clips suitable for single or double thickness plasterboard

AmbiDim technology creates a warmer lighting tone (3000k to 2200k) as light levels are reduced, replicating the effect of traditional incandescent and halogen lamps



A4030

Dimmable CCT

A4030 6W CCT IP65 dim

Magnetic Bezels

A4005 Brushed chrome
A4006 Polished chrome

- Ideal solution for both residential and commercial applications
- CCT switch on front of unit (3000K/4000K/5000K)
- Magnetic bezel
- IC rated - Building insulation can safely cover the luminaire
- 30, 60 & 90 minute fire rated – Building Regulations Part B compliant
- Compatible with Deta universal dimmer
- Loop in loop out remote driver
- IP65 rating for total protection against dust and low pressure jets of water
- Dimmable
- 95 Lm/W
- Brushed chrome and polished chrome bezels available
- Cutout: D68-70mm
- 38° beam angle
- CRI: >80Ra

Product Code	A4030
Wattage	6W
Lumens	570 Lm - 600 Lm
IP Rating	IP65
Colour Temperature	3000K /4000K/5000K
Voltage	220-240V
Beam Angle	38°

Integrated LED Fire Rated Downlights



L1402WH3

Dimmable

L1402WH3 6W 3000K IP65 dim
L1402WH4 6W 4000K IP65 dim

AmbiDim

L1421WH 6W 3000K to 2200k IP65 dim

Twist and Lock Bezels

L1409CH Polished chrome
L1409SS Stainless steel

- Standard fittings available in 3000K or 4000K
- AmbiDim fittings provide a warmer lighting tone (3000K to 2200K) as light levels are reduced
- White bezel supplied as standard, polished chrome and stainless steel bezels available separately
- Mounting springs suitable for single and double thickness plaster board
- IC rated construction allows insulation to be laid over the fitting
- 3-way loop-in/loop-out screwless terminal block for easy termination of T&E cables
- Compatible with Deta universal dimmer
- Guarantee extendable to 5 years for domestic applications*

Product Code	L1402WH3	L1402WH4	L1421WH
Wattage	6W		
Lumens	550 Lm		
IP Rating	IP65		
Colour Temperature	3000K	4000K	3000-2200K
Voltage	220-240V		
Beam Angle	38°		

* Visit www.detaelectrical.co.uk/guarantee



Since its inception in 1908, Briticent Site Electrics has enjoyed over 100 years of successful trading with a long-standing customer base.

Briticent built its reputation on the Gripper® range of handlamps, and over the years has developed a core range of essential site lighting and power distribution products.

Acquired by Deta in 2009, Briticent has led the market with new innovative and energy saving products, becoming the brand of choice for many electrical installers throughout the UK.



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LED Non-Corrosive Fittings

Briticent's **LED Non-Corrosive Fittings** are recognised for their quality and reliability amongst temporary light installers throughout the UK.

The range includes standard and emergency integrated LED fittings in 2ft, 4ft and 5ft lengths. Ideal for use on construction sites as the wide voltage range from 100V to 240V protects against voltage spikes.

Permanent weatherproof fittings are available within Brackenheath offering, please see pages 252 to 255.





High performance site luminaire with integrated LED offering 120 Lm/W

Polycarbonate diffuser and body construction



ENEC approved driver with low voltage protection, driver will automatically reset if voltage drops below 100V

New and improved quick fix, two-part hinged LED tray design

20mm conduit knockouts and besa mounting options

Wide voltage range
100-240V / 50-60Hz

Pre-wired with a weatherproof connection box option available



BI4112

LED Non-Corrosive Fittings

BI4112	2ft 27W 6500K IP65
BI4114	4ft 40W 6500K IP65
BI4115	5ft 40W 6500K IP65

- Suitable for industrial and commercial applications
- Energy savings of up to 50% compared to fluorescent luminaires
- Available in 2/4/5ft options
- Improved quick fix, two-part hinged LED tray design
- Wide voltage range 100-240V / 50-60Hz
- Operating temperature -25°C to +50°C (non-emergency only)
- Besa box mounting compatible
- ENEC approved driver

LED Non-Corrosive Fittings - Emergency

BI4112E	2ft 27W 6500K IP65 EM
BI4114E	4ft 40W 6500K IP65 EM
BI4115E	5ft 40W 6500K IP65 EM

Emergency

- 3 hour emergency function
- Operating temperature 0°C to +50°C
- Pre-wired with 4-Core cable

Product Code	BI4112	BI4112E	BI4114	BI4114E	BI4115	BI4115E
Size	2ft		4ft		5ft	
Wattage	27W		40W			
Lumens	3,240 Lm		4,800 Lm			
Lumens/Watt	120 Lm/W					
Impact Rating	IK08					
IP Rating	IP65					
Colour Temperature	6500K					
Voltage	100-240V (50-60Hz)					
Beam Angle	120°					
Rated Life (Hours)	50,000					

LED Non-Corrosive Fittings + Plexo



BI4112P



BI4112PE

LED Non-Corrosive Fittings + Plexo

- BI4112P** 2ft 27W 6500K IP65
- BI4114P** 4ft 40W 6500K IP65
- BI4115P** 5ft 40W 6500K IP65

LED Non-Corrosive Fittings + Plexo Emergency

- BI4112PE** 2ft 27W 6500K IP65 EM
- BI4114PE** 4ft 40W 6500K IP65 EM
- BI4115PE** 5ft 40W 6500K IP65 EM

- Suitable for industrial and commercial applications
- Energy savings of up to 50% compared to fluorescent luminaires
- Available in 2/4/5ft options
- Supplied with 0.5m pre wired lead and terminal box
- Improved install quick fix design - two part construction
- Wide voltage range 100-240V / 50-60Hz
- Operating temperature -25°C to +50°C (non-emergency only)
- Besa box mounting compatible
- ENEC approved driver

Emergency

- 3 hour emergency function
- Operating temperature 0°C to +50°C
- Pre-wired with 4-Core cable

Product Code	BI4112P	BI4112PE	BI4114P	BI4114PE	BI4115P	BI4115PE
Size	2ft		4ft		5ft	
Wattage	27W		40W			
Lumens	3,240 Lm		4,800 Lm			
Lumens/Watt	120 Lm/W					
Impact Rating	IK08					
IP Rating	IP65					
Colour Temperature	6500K					
Voltage	100-240V (50-60Hz)					
Beam Angle	120°					
Rated Life (Hours)	50,000					



LED Linkable Non-Corrosive Fittings

Easy to Install

Plug & Play design allows fittings to be quickly installed, eliminating need for on site wiring and additional cabling.

Uniform Lighting

1m cable supplied on either end of fitting to provide equal 2m distancing between luminaires providing even light distribution on site.



LED Linkable Non-Corrosive Fittings



BI3112E

LED Linkable Non-Corrosive Fittings

BI3112 2ft 27W 6500K IP65

LED Linkable Non-Corrosive Fittings - Emergency

BI3112E 2ft 27W 6500K IP65 EM

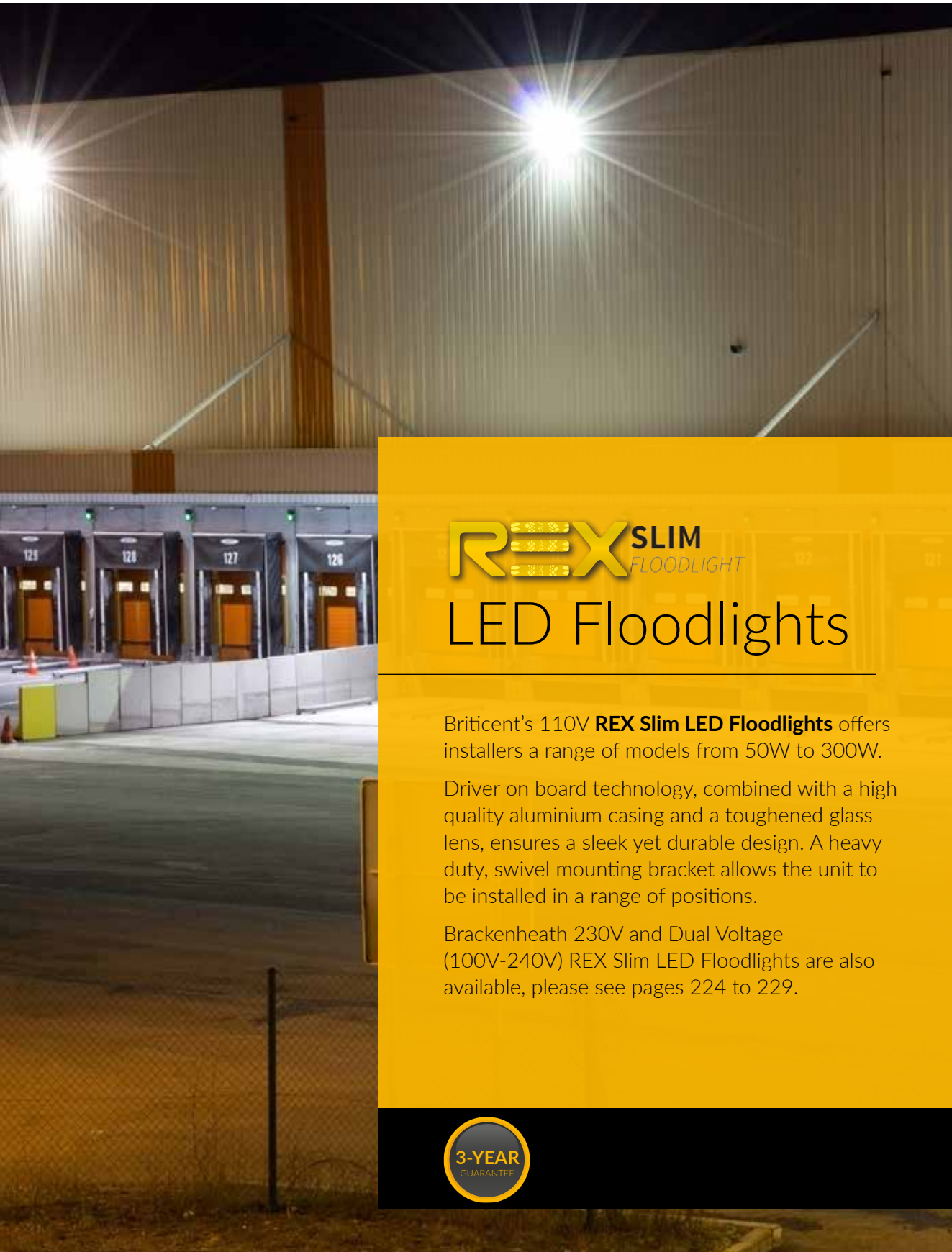
- Suitable for industrial and commercial applications
- Energy savings of up to 50% compared to fluorescent luminaires
- Available in 2ft option
- Supplied with 1.0m pre wired leads with 110V male and female plugs for quick installation
- Daisy chain up to 20 batten in series
- Wide voltage range 100-240V / 50-60Hz
- Operating temperature -25°C to +50°C (non-emergency only)
- ENEC approved driver

Emergency

- 3 hour emergency function
- Operating temperature 0°C to +50°C
- Pre-wired with 3-Core cable

Product Code	BI3112	BI3112E
Size	2ft	
Wattage	27W	
Lumens	3,240 Lm	
Lumens/Watt	120 Lm/W	
Impact Rating	IK08	
IP Rating	IP65	
Colour Temperature	6500K	
Voltage	100-240V (50-60Hz)	
Beam Angle	120°	
Rated Life (Hours)	50,000	

LED Linkable Non-Corrosive Fittings - Emergency are pre-wired with 3-Core cable, keeping circuits with emergency luminaires permanently on, avoiding battery packs from getting damaged through repetitive discharging.



REX SLIM
FLOODLIGHT

LED Floodlights

Briticent's 110V **REX Slim LED Floodlights** offers installers a range of models from 50W to 300W.

Driver on board technology, combined with a high quality aluminium casing and a toughened glass lens, ensures a sleek yet durable design. A heavy duty, swivel mounting bracket allows the unit to be installed in a range of positions.

Brackenheath 230V and Dual Voltage (100V-240V) REX Slim LED Floodlights are also available, please see pages 224 to 229.



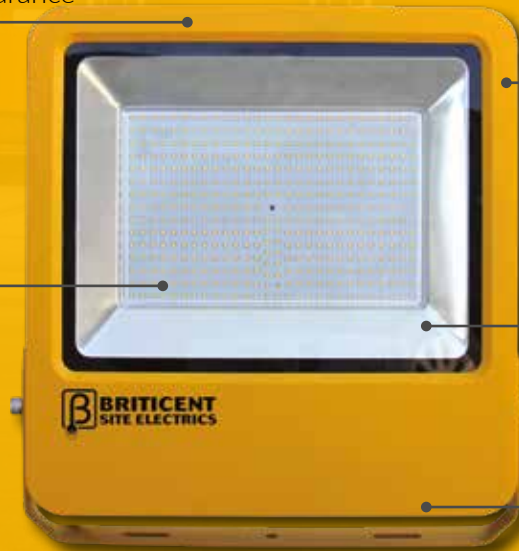


110V driver on board technology provides sleek appearance

High quality yellow aluminium body and toughened glass

Highly efficient LED chips

Supplied with pre-wired power cable designed for construction use



Suitable for industrial and commercial applications



N6280



N6283



Rex Slim 110V

N6279	50W 4000K IP65
N6280	70W 4000K IP65
N6281	100W 4000K IP65
N6282	150W 4000K IP65
N6283	300W 4000K IP65

- Suitable for industrial and commercial applications
- Replaces up to 400W metal halide or sodium fittings
- IP65 rating for total protection against dust and low pressure jets of water
- Highly efficient LED chips
- Driverless technology
- Angled bracket for easy installation
- Pre-wired with 1.5m of power cable

Product Code	N6279	N6280	N6281	N6282	N6283
Wattage	50W	70W	100W	150W	300W
Lumens	4,500 Lm	6,300 Lm	9,000 Lm	13,500 Lm	27,000 Lm
Impact Rating	IK07				
IP Rating	IP65				
Colour Temperature	4000K				
Voltage	110-140V (50-60Hz)				
Beam Angle	120°				
HID Replacement	100W	150W	250W	300W	700W

Tripod Accessory Kit



S4100



Suitable for use with 50W, 70W and 100W REX Slim 110V floodlights

Tripod Accessory Kit

S4100

Heavy duty tripod + 2m extension cable

- Ideal for use in industrial and commercial applications
- Supplied with 2m power extension cable and an IP65 weatherproof connector



Step Down Transformers

Briticent's **Step Down Transformers** offer a range of portable and site supply transformers with intermittent ratings from 1kVA to 10kVA.

Portable transformers offer the perfect solution where power needs to be reduced from 230V to 110V and are available in 1kVA, 1.5kVA, 3.3kVA and 5kVA models.

10kVA MCB protected site supply transformers, incorporating a heavy duty metal casing and stand, are available in both single phase (230V to 110V) or three phase (415V to 110V) models, offering a power distribution solution for construction sites.



GRP rugged case with carry handle

Fitted with two IP44 rated sockets, and 2m of cable

230V mains to 110V transformer

Includes a safety overload device for added protection



1000/2/B



3300/2/B



5000/3/B

Portable transformers

- 1000/2/B 1kVA portable
- 1500/2/B 1.5kVA portable
- 3300/2/B 3.3kVA portable
- 5000/3/B 5kVA portable

- Suitable for all applications where power needs to be reduced
- 230V to 110V
- Robust GRP case with carry handle
- Resettable thermal cutout
- Supplied with 2m cable and 13A plug

Product Code	1000/2/B	1500/2/B	3300/2/B	5000/3/B
Intermittent Rating	1.0kVA	1.5kVA	3.3kVA	5kVA
Continuous Rating	0.6kVA	0.9kVA	2.2kVA	2.8kVA
Cable Length	2m			
Socket Outlets	2 x 16A	2 x 16A	2 x 16A	2 x 16A 1 x 32A
Weight	12.5kg	13kg	18kg	29kg
Input Voltage	230V			
Output Voltage	110V			
IP Rating	IP44			

Site Transformers



- Suitable for power distribution on construction sites
- High quality metal casing with heavy duty stand
- MCB protected input and output
- Supplied with 4 x 16A outlets and 2 x 32A outlets

Single Phase Transformer

10000/1PH 10kVA step down

Three Phase Transformer

10000/3PH 10kVA step down



10000/1PH and 10000/3PH

Product Code	10000/1PH	10000/3PH
Intermittent Rating	10kVA	10kVA
Continuous Rating	7kVA	7kVA
Cable Length	2m	2m
Socket Outlets	4 x 16A 2 x 32A	4 x 16A 2 x 32A
Weight	63kg	80kg
Input Voltage	230V	415V 3Ø
Output Voltage	110V	110V
IP Rating	IP44	IP44

Power Splitter

- 110V
- Heavy duty steel case with carry handle
- Incorporates four 16A outlets
- Complete with 5m cable and 16A connector

Power Splitter

PS45 Power splitter with cable



PS45

Product Code	PS45
Cable length	5m
Cable size	2.5mm
Plug	16A
Socket Outlets	4 x 16A



Cable Reels & Extension Leads

Briticent's **Cable Reels** offer an efficient portable power solution for sites with all reels incorporating an easy wind handle with rear grip.

Reels are available in a durable open reel design in 25m lengths in 110V and 240V models. The 240V model incorporates 2 USB ports and a thermal cutout.

Briticent's **Extension Leads** provide a power distribution solution for a range of domestic, commercial and industrial applications.

Available in both 110V and 240V models with 1.5mm or 2.5mm arctic grade cable, Briticent's 16A 14 metre extension leads are ideal for site power requirements.





Designed to withstand
construction site conditions

High visibility yellow
cable and IP44 rated
power connectors



Safety thermal cut-outs

Heavy duty metal stand
for ease of use with
ergonomic grip handle



110V Cable Reels

- Suitable for use in a range of commercial and industrial applications
- 2 x 110V 16A dust covered outlet sockets
- Easy wind handle and rear grip
- Ergonomically designed
- Integrated power switch
- Easy wind handle and rear grip
- Includes thermal cutout



SE1030

110V Cable Reels

SE1030	2g 16A 110V 25m
SE1040	2g 16A 110V 50m

Product Code	SE1030	SE1040
Length	25m	50m
Amp	16A	
Cable Size	1.5mm	
IP Rating	IP44	
Voltage	110V	
Max Load Unwound	1760W	
Max Load Wound	770W	

240V Cable Reels with USB

- Suitable for use in a range of commercial and industrial applications
- 2 x 240V 13A outlet sockets
- Easy wind handle
- Includes 2 USB ports
- Optimised design for increased cable capacity
- Includes thermal cutout



SE2010

240V Cable Reels with USB

SE2010	2g 13A 240V 25m
--------	-----------------

Product Code	SE2010
Length	25m
Amp	13A
Cable Size	1.25mm
IP Rating	IP20
Voltage	240V
Max Load Unwound	3120W
Max Load Wound	960W

110V Extension Leads



- Suitable for commercial and industrial applications
- Fitted with plug and coupler
- Couplers supplied with dust covers
- Made with highly durable arctic grade cable



SE3010



SE3030

110V Extension Leads

- SE3010** 1.5mm 16A 110V 14m
- SE3030** 2.5mm 16A 110V 14m

240V Extension Leads



- Suitable for commercial and industrial applications
- Fitted with plug and coupler
- Couplers supplied with dust covers
- Made with highly durable arctic grade cable



SE3020



SE3040

240V Extension Leads

- SE3020** 1.5mm 16A 240V 14m
- SE3040** 2.5mm 16A 240V 14m

110V H-Frame Extension Leads



- Suitable for use in a range of commercial and industrial applications
- H-frame provides an easy storage solution
- Couplers supplied with dust covers
- Ergonomically designed
- Made with highly durable arctic grade cable



SE3110

H-frame extension lead

- SE3050** 1.5mm 16A 110V 14m
- SE3070** 2.5mm 16A 110V 25m
- SE3090** 2.5mm 32A 110V 14m
- SE3110** 2.5mm 32A 110V 25m

Product Code	SE3010	SE3030	SE3020	SE3040	SE3050	SE3070	SE3090	SE3110
Length	14m		14m		14m	25m	14m	25m
Amp	16A		16A		16A		32A	
Cable Size	1.5mm	2.5mm	1.5mm	2.5mm	1.5mm	2.5mm		
IP Rating	IP44		IP44		IP44			
Voltage	110V		240V		110V			
Max Load Unwound	1760W		3120W		1760W		3520W	
Max Load Wound	770W		1200W		770W		1100W	



Festoon Lighting & Power

Briticent's **Festoon Lighting & Power** range provides an ideal temporary lighting solution for use on construction sites.

A number of festoon lighting kits are available to include a 20m integrated LED IP65 kit as well as 22m Halogen and LED replacement lamp kits with B22 or E27 lampholders.

Festoon lighting accessories include 100m festoon cable, replacement Halogen and LED GLS lamps, and polycarbonate festoon guards.

Festoon power cable is also offered for applications where site works cover a large area, eliminating the need for multiple extension leads.





High visibility yellow cable for construction site use

IP65 rating for total protection against dust and low pressure

Festoon Lighting Kit - Integrated LED

- Suitable temporary lighting solution for indoor and outdoor use
- Complete 20m kit with 7 fully integrated LED lamps
- Arctic grade 1.5mm cable
- Lamps spaced every 2m
- Supplied with 16A plug
- IP65 rating for total protection against dust and low pressure jets of water

Festoon Lighting Kit - Integrated LED

SEFLKITINT 7 x 10W 6400K IP65 20m



SEFLKITINT

Product Code	SEFLKITINT
Wattage	7 x 10W
Lumens	1,200 Lm
IP Rating	IP65
Colour Temperature	6400K
Voltage	110V
Beam Angle	120°
Rated life (Hours)	30,000
Lamp Spacing	2m

Festoon Lighting Kits



- Suitable temporary lighting solution for indoor and outdoor use
- Complete 22m kit with 10 lamps and 10 guards
- Arctic grade 2.5mm cable
- Lampholders spaced every 2m
- Available with Halogen or LED GLS lamps
- Available as B22 or E27
- Supplied with 16A plug

Festoon Lighting Kits - Halogen

- SEFLKITBC** 10 x 60W B22 2800K IP44 22m
SEFLKITES 10 x 60W E27 2800K IP44 22m

Festoon Lighting Kits - LED

- SEFLEDBC** 10 x 8W B22 4000K IP44 22m
SEFLEDES 10 x 8W E27 4000K IP44 22m

Product Code	SEFLKITBC	SEFLKITES	SEFLEDBC	SEFLEDES
Wattage	10 x 60W		10 x 8W	
Lumens	700 Lm			
IP Rating	IP44			
Colour Temperature	2800K		4000K	
Lamp Spacing	2m			
Rated life (Hours)	30,000			



SEFLKITES

Festoon Lighting Cable



- Suitable temporary lighting solution for indoor and outdoor use
- Can be used with Halogen or LED GLS lamp
- Arctic grade 2.5mm cable
- Comes with 33 lampholders, spaced every 3m
- Available as B22 or E27
- Supplied with 3m lead and 16A plug

Festoon Cable

- SEFL13B** B22 IP44 100m
SEFL13E E27 IP44 100m



SEFL13

Product Code	SEFL13B	SEFL13E
IP Rating	IP44	
Voltage	110V	

Lamps & Accessories

- Lamps suitable for use with festoons, bulkheads and other 110V luminaires
- Polycarbonate wire guard for festoon kits
- LED lamps have a wide voltage range from 85-265V
- GLS lamps suitable for outdoor use
- All lamps have B22 or E27 option

Halogen GLS Lamps

GLS60B	60W B22 2800K
GLS60E	60W E27 2800K

LED GLS Lamps

R1010	8W B22 4000K
R1020	8W E27 4000K

Accessories

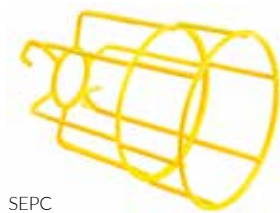
SEPC	Festoon polycarbonate guard
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GLS60E



R1010



SEPC

Product Code	GLS60B	GLS60E	R1010	R1020
Lamp Type	Halogen GLS		LED GLS	
Lamp Base	B22	E27	B22	E27
Wattage	60W		8W	
Lumens	700 Lm			
Impact Rating	-		IK03	
IP Rating	IP44			
Colour Temperature	2800K		4000K	
Voltage	110V		85-265V	
Beam Angle	360°			

Festoon Power



- Suitable power distribution solution for indoor and outdoor use
- 2.5mm 3-core 110V 100m main cable
- 1.5mm 3-core 110V 1m cable drop with 16A connector
- Power drops at 5m intervals



PR1005L

Festoon Power

PR1005L 16A 110V IP44

Product Code	PR1005L
Drops	20
IP Rating	IP44
Voltage	110V

Festoon Power + Weatherproof Junction Box



- Suitable power distribution solution for indoor and outdoor use
- 2.5mm 3-core 110V 100m main cable
- 1.5mm 3-core 110V 1m cable drop with 16A connector
- Power drops with rewirable square weather proof boxes at 5m or 10m intervals
- Single or dual power drops options



BI2112



BI2121

Single Power Drop with 10m Intervals

BI2112 100m 10 x single power drop at 10m intervals

Dual Power Drop with 5m Intervals

BI2121 100m 19 x dual power drop at 5m intervals

Product Code	BI2112	BI2121
Drops	10 single	19 dual
IP Rating	IP44	
Voltage	110V	



LED Plasterers Lights

Briticent's **LED Plasterers Lights** are available in both 20W 2ft and 30W 5ft options with two 16A outlet connections included as standard for linkable functionality.

Easy to store and transport, this IP65 range is supplied complete with a 5m power lead and a 16A 110V plug.

The 2ft model is available in both A-frame and tripod formats whilst the 5ft tripod range includes an emergency option with patented manual override technology, allowing the 3-hour emergency feature to be overridden at the push of a button.





Polycarbonate body
and diffuser

Supplied with foldaway steel
stand for ease of storage

LED range is an ideal replacement
for a fluorescent plasterers light

2 x 16A 110V outlet connections
allow for multiple lights to be
linked together

IP65 rating for total protection
against dust and low pressure jets
of water

Complete with 5m power lead
and 16A 110V yellow plug

Unique emergency option with
5ft plasterers light

LED 2ft Plasterers Lights



P1000



P1010

LED 2ft Plasterers Lights

P1000 2ft 20W 6300K IP65 A-frame
P1010 2ft 20W 6300K IP65 tripod

- Suitable lighting solution for working in confined spaces
- Supplied with foldaway stand for ease of storage and transportation
- Ideal replacement for fluorescent plasterers lights
- Wide voltage range 100V-277V / 50-60Hz
- Polycarbonate base with opal diffuser and steel stand, complete with LED tray
- IP65 fitting rating for total protection against dust and low pressure jets of water
- Supplied with two 16A outlet connections for linkable applications
- Complete with 5m power lead and 16A 110V yellow plug
- Operating temperature of -15°C to +50°C

Product Code	P1000	P1010
Wattage	20W	
Lumens	2,200 Lm	
Impact Rating	IK08	
IP Rating	IP65	
Colour Temperature	6300K	
Voltage	100-277V	
Beam Angle	120°	
Rated life (Hours)	30,000	

LED 5ft Plasterers Lights



P1020



P1025

LED 5ft Plasterers Lights

- P1020** 5ft 30W 6300K IP65 tripod
- P1025** 5ft 30W 6300K IP65 tripod + EM

- Suitable lighting solution for working in confined spaces
- Supplied with foldaway stand for ease of storage and transportation
- Ideal replacement for fluorescent plasterers lights
- Wide voltage range 100V-277V / 50-60Hz
- Polycarbonate base with opal diffuser and steel stand, complete with LED tray
- IP65 fitting rating for total protection against dust and low pressure jets of water
- Supplied with two 16A outlet connections for linkable applications
- Complete with 5m power lead and 16A 110V yellow plug
- Operating temperature of -15°C to +50°C (non emergency)

Emergency

- 3 hour emergency feature
- Operating temperature of 0°C to +50°C
- Patented manual override technology allows emergency feature to be overridden at the push of a button

Product Code	P1020	P1025
Wattage	30W	
Lumens	3,300 Lm	
Impact Rating	IK08	
IP Rating	IP65	
Colour Temperature	6500K	
Voltage	100-277V	
Beam Angle	120°	
Rated life (Hours)	30,000	



LED Task Lights

Briticent's **LED Task Lights** offer a wide range of compact and portable 110V task lights for use on construction sites.

The range includes linkable task lights and single and twin tripod mounted options.





Suitable for a range of commercial and industrial applications

Ideal replacement for a halogen task light

Compact and portable with tripod options



S4010



S4110



S4120

REX Slim LED Task Light

S4010 10W 4000K IP65

REX Slim LED Tripod Lights

S4110 10W 4000K IP65
S4120 2 x 10W 4000K IP65

- 110V
- Suitable for a range of commercial and industrial applications
- Ideal replacement for halogen task lights
- Aluminium body with tempered glass diffuser
- Driver on board technology
- Complete with 1.5m power lead and 16A connector
- IP65 rating for total protection against dust and low pressure jets of water

Product Code	S4010	S4110	S4120
Wattage	10W		2 x 10W
Lumens	900 Lm		2 x 900 Lm
Impact Rating	IK07		
IP Rating	IP65		
Colour Temperature	4000K		
Voltage	110V		
Beam Angle	120°		
Rated life (Hours)	30,000		

LED Task Light - Heavy Duty



S3010



S3020



S3030

LED Task Light - Heavy Duty

S3010 24W 6000K IP44

LED Tripod Lights - Heavy Duty

S3020 24W 6000K IP44
S3030 2 x 24W 6000K IP44

- 110V
- Suitable for a range of commercial and industrial applications
- Ideal replacement for halogen task lights
- Die cast aluminium body with steel handles and a protective rubber trim
- Driver on board technology
- Complete with 3m power lead and 16A connector

Product Code	S3010	S3020	S3030
Wattage	24W		2 x 24W
Lumens	2,000 Lm		2 x 2,000 Lm
Impact Rating	IK08		
IP Rating	IP44		
Colour Temperature	6000K		
Voltage	110V		
Beam Angle	90°		
Rated life (Hours)	30,000		

LED Task Light - Standard

- 110V
- Suitable for a range of commercial and industrial applications
- Ideal replacement for halogen task lights
- Aluminium body with tempered glass diffuser
- Complete with 1.5m power lead and 16A connector



S3040

LED Task Light - Standard

S3040 20W 6400K IP44

Product Code	S3040
Wattage	20W
Lumens	2,000 Lm
Impact Rating	IK07
IP Rating	IP44
Colour Temperature	6400K
Voltage	110V
Beam angle	120°
Rated life (Hours)	30,000

LED Task Light - Linkable

- 110V
- Suitable for a range of domestic and commercial applications
- Foldaway stand with carry handle and protective rubber trim
- High grade strength polycarbonate diffuser
- Linkable feature allowing task lights to be daisy chained together
- Complete with 3m power lead and 16A connector



S2010

LED Task Light - Linkable

S2010 36W 6500K IP54

Product Code	S2010
Wattage	36W
Lumens	2,400 Lm
IP Rating	IP54
Colour Temperature	6500K
Voltage	110V





LED Bulkheads

Briticent's **LED Bulkheads** offer an ideal solution for the lighting requirements of a construction site including areas around scaffolding and other confined spaces.

Standard, emergency and twin emergency options available.





Suitable for a range of commercial
and industrial applications

Emergency range available





B2010



B2015



B2020



B2025

LED Bulkheads

B2010 8W 6000K IP65 - opal
B2020 8W 6000K IP65 - red

LED Bulkheads - Pre-Wired

B2015 8W 6000K IP65 - clear
B2025 8W 6000K IP65 - translucent red

- 110V
- Suitable for a range of commercial and industrial applications
- Grey polycarbonate body with red or opal diffuser options
- Integrated LED tray - no lamp required
- Suitable for 20mm cable entry with gland conduit
- Power terminals large enough for loop-in/loop-out connections
- Pre-wired option for quick installation available
- IP65 rating for total protection against dust and low pressure jets of water

Product Code	B2010	B2020	B2015	B2025
Finish	Opal	Red	Opal	Translucent Red
Wattage	8W		8W	
Lumens	640 Lm		640 Lm	
Impact Rating	IK08		IK08	
IP Rating	IP65		IP65	
Colour Temperature	6000K		6000K	
Beam Angle	120°		120°	



LED Bulkhead - Emergency



E9600

LED Bulkhead - Emergency

E9600 3W 6000K IP65 EM

- 110V
- Suitable for industrial and commercial applications
- Impact resistant polycarbonate diffuser and base
- Supplied maintained and can be wired non-maintained
- Constant light output when operating on mains or battery power
- 3 hour emergency function
- IP65 rating for total protection against dust and low pressure jets of water
- Supplied with legend stickers

Product Code	E9600
Wattage	3W
Lumens	120 Lm
Impact Rating	IK04
IP Rating	IP65
Colour Temperature	6000K
Beam Angle	120°
Rated life (Hours)	35,000

LED IP65 Twin Sport - Emergency



E9203

LED IP65 Twin Sport - Emergency

E9203 2 x 7.5W 6000K IP65 EM

- Suitable for industrial and commercial applications
- Ideal replacement for old style halogen twin spot fittings
- Non-maintained
- 3 hour battery duration
- Includes bi-colour LED indicator for manual inspection
- Tilt and pan heads allows light to be directed as required
- After 24 hour initial charge a full 3 hour test is performed automatically
- Self-test operation every 30 days for 52 weeks of the year
- Battery 9.6V 2200mAh Nickel Cadmium
- IP65 rating for total protection against dust and low pressure jets of water

Product Code	E9203
Wattage	2 x 7.5W
Lumens	470 Lm
IP Rating	IP65
Colour Temperature	6000K
Voltage	110V



LED Inspection Lighting

Briticent's **LED Inspection Lighting** range is designed to assist with lighting requirements in confined spaces and difficult to reach areas.

The 110V and 240V LED Gripper Hand Lamp, for which Briticent has become well known for, offers a unique 360° portable lighting solution for inspection requirements on site.



LED Gripper Hand Lamp 360°



- Robust handle made with rubber for high grip
- Detachable handle allows for magnetic mounting for handsfree use
- Fitted with hang up hook
- Supplied with 3m cable for flexibility
- LED lamp reduces heat when working in close proximity
- On/off switch
- Beam angle of 360° for maximum light output
- IP44 rated



BI6111 / BI6121

LED Gripper Hand Lamp - 110V

BI6111 15W 6500K IP44

LED Gripper Hand Lamp - 240V

BI6121 15W 6500K IP44

Product Code	BI6111	BI6121
Finish	Opal	
Plug Type	16A	13A
Wattage	15W	
Lumens	1,500 Lm	
Impact Rating	IK08	
IP Rating	IP44	
Colour Temperature	6500K	
Voltage	110V	240V
Beam Angle	360°	



Ancillaries

Briticent's **Ancillaries** range complements the site electrics range and includes a 4-way power splitter, a cable carrier and a cordless kettle.



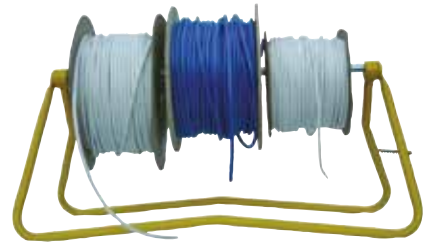
Cable Carrier

- Capable of carrying weight up to 50kg
- Unit weight up to 2.8kg
- Locking mechanism to prevent accidental closure
- Fold away for easy storage

Cable Carrier

SPAXA Cable carrier

Product Code	SPAXA
Unit weight	2.8kg
Size Closed	380 x 40 x 760mm
Size Open	340 x 340 x 760mm



SPAXA

Kettles

- Cordless white kettle
- 1.7l capacity
- Boil dry protection
- 110V supplied with 16A connector
- 240V supplied with 13A plug

Kettles

SEK001 110V 1.7L
SEK002 240V 1.7L

Product Code	SEK001	SEK002
Wattage	1200W	1200W
Plug	16A	13A
Voltage	110V AC	240V AC



SEK001



SEK002

The background of the page features a series of thin, parallel blue lines that curve and flow across the frame, creating a sense of motion and depth. A large, semi-transparent grey rectangle is positioned in the lower right quadrant, serving as a backdrop for the text. Below the text, a thin white horizontal line spans the width of the grey area. At the bottom of the grey area, there is a solid dark blue horizontal bar.

Technical



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Back Box Cross Reference Table

FLUSH MOUNTING

- Slimline, Slimline Screwless, Slimline Décor, Vimark, Vimark Curve, Vimark Evo

Depth	METAL BOXES				DRY LINING BOXES	
	16mm	25mm	35mm	46mm	35mm	46mm
SOCKETS						
1 gang 13A		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
2 gang 13A		DB163	DB165	DB168	DB2541	DB2543
Round pin sockets		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
Shaver sockets				DB168		DB2543
USB charging sockets (2 port)*			DB165*	DB168	DB2541	DB2543
USB charging sockets (3 port)*		DB163*	DB165	DB168	DB2541	DB2543
Media Plates			DB184 (40mm)			
PLATE SWITCHES						
1, 2 and 3 gang	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
4 and 6 gang		DB163	DB165	DB168	DB2541	DB2543
Intermediate		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
3 pole fan isolator	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
DIMMER SWITCHES						
1 and 2 gang		DB162	DB164 / DB166	DB167	DB2540 / DB254	DB2542
3 and 4 gang		DB163	DB165	DB168	DB2540 / B2545	DB2543
CONNECTION UNITS						
Fused/unfused		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
HIGH CURRENT SWITCHES						
1 gang 20A		DB162	DB164	DB167	DB2540	DB2542
1 gang 50A				DB167		DB2542
1 gang tall 50A				DB168		DB2543
Cooker control unit				DB168		DB2543
45A outlet				DB167		DB2542
MULTIMEDIA OUTLETS						
Telephone outlets		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
TV outlets			DB164 / DB166	DB167	DB2540 / DB2545	DB2542
FLEX CONNECTION/BLANK						
Flex connection plate			DB164 / DB166	DB167	DB2540 / DB2545	DB2542
1 gang blank plate	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
2 gang blank plate		DB163	DB165	DB168	DB2541	DB2543
CEILING SWITCHES						
10A			DB2544 (34mm)			
50A				DB167	DB2540 / DB2545	DB2542

* Limited cable entry positions at bottom of the box

Back Box Cross Reference Table

FLUSH MOUNTING

- Ultra Flatplate and Ultra Screwless

Depth	METAL BOXES			DRY LINING BOXES	
	25mm	35mm	46mm	35mm	46mm
SOCKETS					
1 gang 13A		DB164 / DB166	DB167	DB2547 / DB2545	DB2542
1 gang 13A		DB165	DB168	DB2548	DB2543
Round pin sockets		DB164/DB165	DB167	DB2547 / DB2545	DB2542
Shaver sockets			DB168		DB2543
USB charging socket (2 port)*			DB168	DB2548	DB2543
USB charging socket (3 port)*		DB165	DB168	DB2548	DB2543
Media plates		DB184 (40mm)			
PLATE SWITCHES					
1, 2 and 3 gang	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
4 and 6 gang	DB163	DB165	DB168	DB2541	DB2543
Intermediate	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
3 pole fan isolator	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
DIMMER SWITCHES					
1 and 2 gang		DB164 / DB166	DB167	DB2540 / DB254	DB2542
CONNECTION UNITS					
Fused/unfused		DB164 / DB166	DB167	DB2547 / DB2545	DB2542
HIGH CURRENT SWITCHES					
1 gang 20A		DB164	DB167	DB2540	DB2542
1 gang 50A			DB167		DB2542
1 gang tall 50A			DB168		DB2543
Cooker control unit			DB168		DB2543
MULTIMEDIA OUTLETS					
Telephone outlets	DB162	DB164 / DB166	DB167	DB2547 / DB2545	DB2542
TV outlets		DB164 / DB166	DB167	DB2547 / DB2545	DB2542
CONNECTION/BLANK PLATES					
1 gang blank plate	DB162	DB164 / DB166	DB167	DB2547 / DB2545	DB2542
2 gang blank plate	DB163	DB165	DB168	DB2548	DB2543

* Limited cable entry positions at bottom of the box

Back Box Cross Reference Table

SURFACE MOUNTING

- Vimark and Slimline

Depth	PATTRESS BOXES			
	16mm	25mm	35mm	45mm
SOCKETS				
1 gang 13A		V1221/V1225	V1222/V1226	V1228
2 gang 13A		V1223	V1224	V1229
Round pin sockets		V1221/V1225	V1222/V1226	V1228
Shaver sockets				V1229
USB charging sockets (3 port)*		V1223	V1224	V1229
PLATE SWITCHES				
1, 2 and 3 gang	V1220E	V1221/V1225	V1222/V1226	V1228
4 and 6 gang		V1223	V1224	V1229
Intermediate	V1220E	V1221/V1225	V1222/V1226	V1228
3 pole fan isolator	V1220E	V1221/V1225	V1222/V1226	V1228
ARCHITRAVE SWITCHES				
1 gang	V1324			
2 gang	V1325*			
DIMMER SWITCHES				
1 and 2 gang		V1221/V1225	V1222/V1226	V1228
3 and 4 gang		V1223	V1224	V1229
CONNECTION UNITS				
Fused/Unfused		V1221/V1225	V1222/V1226	V1228
HIGH CURRENT SWITCHES				
1 gang 20A		V1221/V1225	V1222/V1226	V1228
1 gang 50A				V1228
1 gang tall 50A				V1229
Cooker control unit				V1229
45A outlet				V1228
MULTIMEDIA OUTLETS				
TELEPHONE		V1221/V1225	V1222/V1226	V1228
TV			V1222/V1226	V1228
FLEX CONNECTION/BLANK PLATES				
Flex connection plate			V1222/V1226	V1228
1 gang blank plate	V1220E	V1221/V1225	V1222/V1226	V1228
2 gang blank plate		V1223	V1224	V1229
CEILING SWITCHES				
10A				
50A				V1228

* Limited cable entry positions at bottom of the box

Back Box Cross Reference Table

SURFACE MOUNTING

- Vimark Curve

Depth	PATTRESS BOXES			
	16mm	25mm	35mm	45mm
SOCKETS				
1 gang 13A		VC1221	VC1222	VC1228
2 gang 13A		VC1223	VC1224	VC1229
Round pin sockets		VC1221	VC1222	VC1228
Shaver sockets				VC1229
USB charging sockets (3 port)*		VC1223	VC1224	VC1229
PLATE SWITCHES				
1, 2 and 3 gang	VC1220E	VC1221	VC1222	VC1228
4 and 6 gang		VC1223	VC1224	VC1229
Intermediate	VC1220E	VC1221	VC1222	VC1228
3 pole fan isolator	VC1220E	VC1221	VC1222	VC1228
DIMMER SWITCHES				
1 and 2 gang		VC1221	VC1222	VC1228
CONNECTION UNITS				
Fused/Unfused		VC1221	VC1222	VC1228
HIGH CURRENT SWITCHES				
1 gang 20A		VC1221	VC1222	VC1228
1 gang 50A				VC1228
1 gang tall 50A				VC1229
Cooker control unit				VC1229
45A outlet				VC1228
MULTIMEDIA OUTLETS				
Telephone outlets		VC1221	VC1222	VC1228
TV outlets			VC1222	VC1228
FLEX CONNECTION/BLANK PLATES				
Flex connection plate			VC1222	VC1228
1 gang blank plate	VC1220E	VC1221	VC1222	VC1228
2 gang blank plate		VC1223	VC1224	VC1229

* Limited cable entry positions at bottom of the box

Terminal Capacity

Product	No. and size of conductors accommodated					
	1.0mm ²	1.5mm ²	2.5mm ²	4.0mm ²	6.0mm ²	10mm ²
13A sockets			4	2	2	1
Connection units			4	2	1	1
2A round pin sockets	3	2	1			
5A round pin sockets		3	2			
15A round pin sockets		4	3	1		
Plate switches	4	3				
20A switch			4	2	1	1
Shaver socket outlet	3	2	1			
50A switch			5	3	2	1

Mounting Box Knockouts

Metal Boxes

Knockouts	DB164	DB165	DB171	DB172	DB173	DB174
20mm	6	8	4	5	7	8
25mm	2	4	4	5	7	8
dimensions (mm)	72x72x35	132x72x35	132x132x42	132x192x42	192x192x60	192x250x60

Metalclad Back Boxes

Knockouts	M1228	M1229	M1230	M1231	M1232	M1233
20mm	5	8	4	6	7	8
25mm			4	6	7	8
dimensions (mm)	78x78x41	136x78x41	136x136x42	136x197x42	197x197x60	197x258x60

Lampholder 'T' Rating

Bayonet (B22) lampholders without a T marking or marked T1 are suitable for temperatures on the cap up to and including 165°C. Bayonet (B22) lampholders with a T2 marking are suitable for temperatures on the cap up to and including 210°C.

Alternatively T ratings may state the operating temperature, e.g. T190 would equate to 190°C.

Lamp cap temperatures will depend on the lampholder orientation, lampshade or enclosure used and lamp rating.

Refer to the IET Wiring Regulation (BS7671) for the use of T2 rated lampholders.

Engraving

An engraving service is available for a limited range of white wiring accessories. Products can be engraved in an upper and lower case standard font, with either red or black in fill.

Engraved products must be ordered in multiples of 10, and are available with a 14 day lead time for stock items, with delivery subject to normal terms.

To order engraved products, please contact the sales office.

Dimmers

Universal Dimmers

Universal dimmer switches are suitable for controlling LED and incandescent, and automatically changes the dimming mode to either Leading Edge (LE) or Trailing Edge (TE), to suit the type of load connected.

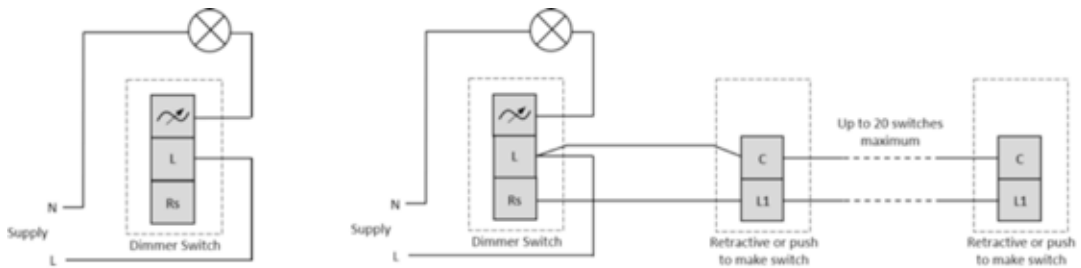
Multiway dimming can be achieved the Universal Dimmer by connecting up to 20 either retractive or push to make switches to allow dimming from all positions.

Universal Dimmers can operate loads from 3W up to 250W of dimmable LED lamps, and up to 350W for incandescent loads. Whilst the dimming mode changes automatically to suit the load, it can be manually reprogrammed from Leading Edge (LE) to Trailing Edge (TE) mode if compatibility issues are found when dimming LED lamps. In addition to this, the minimum dimming level can be set – see instruction leaflet.

The maximum and minimum load, as well as the maximum number of lamps the dimmer can control will vary according to make and type of LED lamp. Therefore, compatibility between the load and dimmer should be checked before installation.

They are available in Deta's Vimark, Vimark Curve, Slimline, Slimline Screwless, Slimline Décor, Ultra Flatplate and Ultra Screwless ranges in both 1g and 2g, and as a Gridswitch Module.

Universal Dimmer Wiring Diagram



Universal Gridswitch Dimmers

Dimmer switch modules in the Gridswitch range need to be de-rated when installed in multiple gang frontplates. Also, the dimmer switches must be installed in the lower rows of the frontplate. It is recommended that back boxes for dimmer switches are at least 40mm deep.

Dimmers in the bottom row should be de-rated to 75% of their maximum load. Dimmers in the second from bottom row should be de-rated to 50% of their maximum load, and dimmers in the third from bottom row should be de-rated to 50%. It is not advisable to install dimmers in the top row.

Dimmers

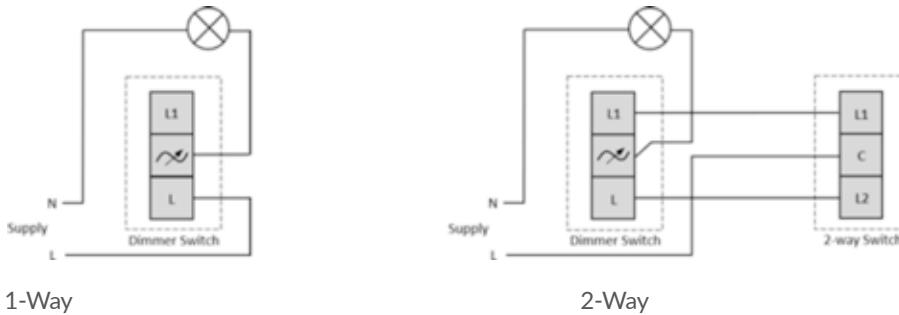
Trailing Edge Dimmers

Trailing Edge Dimmers are suitable for LED lamps requiring Trailing Edge Dimming technology, incandescent and low voltage lamps. Ideal for controlling the DETA range of Fire Rated Dimmable LED Downlights, the dimmer can control a minimum LED load from 5W to a maximum of 100W. For incandescent loads the dimmers have a maximum load of 250W.

The trailing edge dimmers can be used in 2-way circuits, with a dimmer in one position and a standard switch in the other. The dimmer can be mechanically adjusted for minimum dimming level.

As with the Universal dimmers, the maximum and minimum load, as well as the maximum number of lamps the dimmer can control will vary according to make and type of LED lamp. Compatibility between the load and dimmer should be checked before installation.

Trailing Edge Dimmer Wiring Diagram



Dimmer Compatibility

The compatibility between the universal dimmer and load must be checked before installation. The number of light fittings as well as the total wattage will affect how well the dimmer performs. Therefore, the total number of light fittings that are planned to be controlled by the dimmer must be checked for compatibility. For optimum performance, all the LED lamps connected to the dimmer must be of the same brand and wattage.

Part M

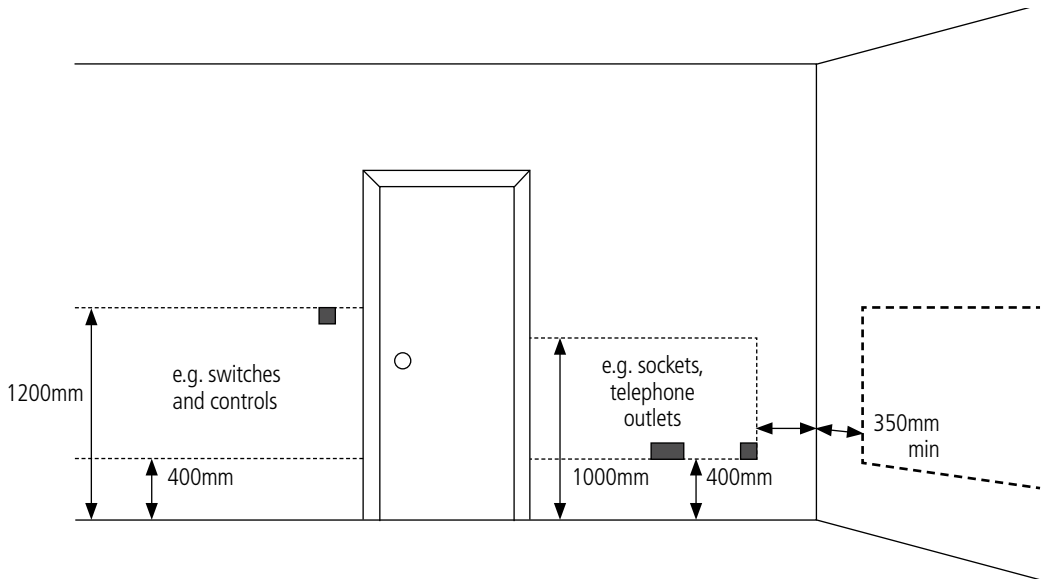
Building Regulation Approved Document M (commonly referred to as PART M) covers access to and use of buildings and facilities by disabled people.

Part M involves the provision of wide doorways, ramped access for wheelchairs, design of hand rails, stairwells and so on.

With respect to switches, outlets and controls there are design considerations that should be taken into consideration where the key factors are easy of operation, visibility, height and freedom of obstruction.

Users of switches, outlets and controls should be able to locate a control and know what setting it is on without inadvertently changing its setting. Controls which visually contrast with their surroundings are more convenient for visually impaired people, as are light switches that have large or wide rockers. It is preferable for switches on panels and multiple socket outlets to be well separated to avoid inadvertent operation.

Apart from the design of the switch, outlet or control, its position is important. The switches will satisfy requirement M1 where they are positioned between 400 and 1200mm from the floor, and between 900 and 1100mm for general public use. Whereas sockets should be mounted between 400 and 1000mm. Also, the switches should be an equal distance from the door frames and not closer than 350mm to the corners of rooms.



- TV Outlets or modules must not be installed in the same enclosure as mains voltage systems

There are different AV distribution systems available, each of which have different cabling and termination requirements. A terrestrial system may have an aerial feeding a single coax TV connection point. A slightly complex system may include a combination of aerial, satellite, broadband and radio inputs which are fed to their corresponding AV equipment such as a TV, a satellite receiver box or a radio set. Where multiple AV outlets are required, multi-switches, splitters and amplifiers are used to distribute signal.

Isolated sockets are intended for use where safety isolation (rated at 2kV) is required to provide protection against faults within any mains powered product used on different parts of the distribution system. Therefore, isolated sockets are to be installed where multiple co-axial socket outlets are required.

Diplexer outlets are intended for use where both TV and FM/DAB signals are combined on a single download. The filter within the diplexer separates the appropriate signal and feeds them to the relevant output connection.

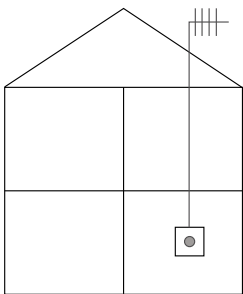
Triplexer outlets are intended for use where TV, FM/DAB and satellite signals are combined on a single download. The filter within the triplexer separates the appropriate signal and feeds them to the relevant output connection. The triplexer provides a DC control path in the SAT signal path.

Quadplexer outlets contain TV, FM/DAB and two satellite outlets and are intended for use with Sky+, or more complex installations.

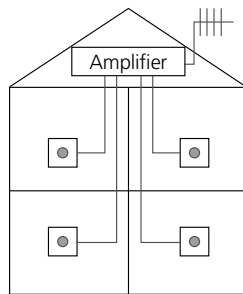
Sky Q – for installation in single dwellings, use two F-Type modules. For communal areas, the installation can be completed using a combination of a dSCR multi-switch and Deta's Triplexer/Quadplexer modules.

A range of data plates and modules are also available in all Deta ranges, which allow the use of additional modules such as co-axial return sockets and telephone outlets for interactive TV applications.

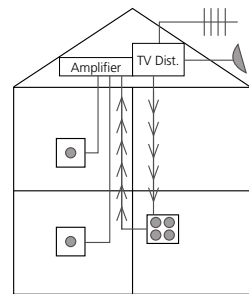
Typical Installations



Basic domestic installation where a non-isolated co-axial outlet is connected directly to the aerial.



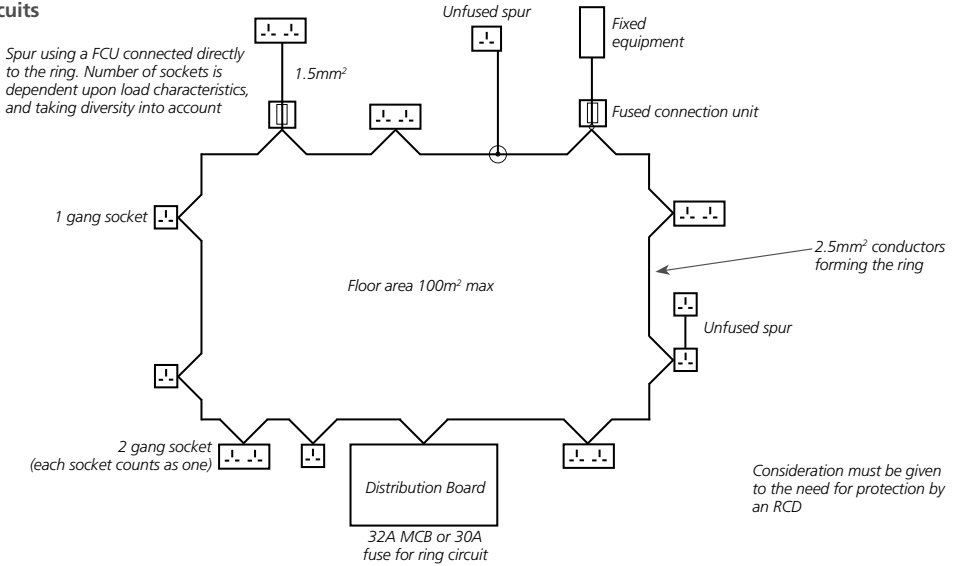
Communal aerial system, i.e. flats, hotels etc. where isolated co-axial outlets are wired separately to an amplifier.



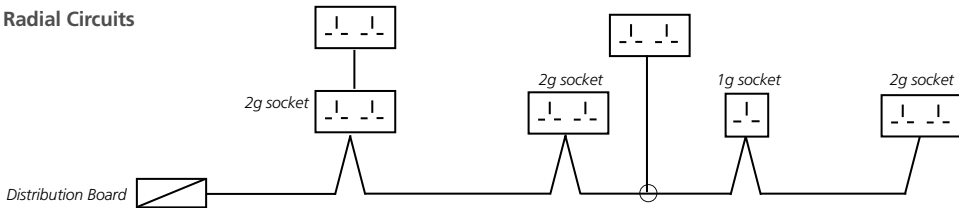
Domestic installation with satellite, including return feed for distribution to outlets in other rooms.

Wiring Circuits

Final Ring Circuits



Final Radial Circuits



Final Circuits Using BS 1363 Socket-Outlets

Type of circuit	Overcurrent protective device		Minimum conductor size*		Maximum floor area served m ²
			Copper conductor Thermo-setting or PVC insulation mm ²	Copper conductor mineral insulated cables mm ²	
	Rating Amps	Type			
A1 Ring	30 or 32	Any	2.5	1.5	100
2 Radial	30 or 32	Cartridge fuse or circuit breaker	4	2.5	75
A3 Radial	20	Any	2.5	1.5	50

*The tabulated values of conductor size may be reduced for fused spurs

Refer to the IET Wiring Regulations (BS 7671) for a complete description of conventional circuit arrangements.

IP Ratings

The IP (international protection) rating given to an enclosure states the degree of protection it offers by means of two digits.

A summary of these is shown below; for a more detailed definition, see IEC 529: 1989, BS EN 60529: 1992.

First Digit

Protection against solid foreign objects and access to hazardous parts

The first digit covers protection against penetration by solid objects, which includes hands and tools such as screwdrivers. At the lowest of seven levels, 0, no protection is offered, either of the equipment itself from damage by intrusion or of a person contacting live or moving parts. At the highest, 6, there shall be no entry of dust.

IP	
0	No protection
1	Protected against solid objects up to 50mm e.g. accidental touch by hands
2	Protected against solid objects up to 12mm, e.g. fingers
3	Protected against solid objects over 2.5mm, e.g. tools and wires
4	Protected against solid objects over 1mm, e.g. tools, wires and small wires
5	Protected against dust - limited ingress, no harmful deposits
6	Totally protected against dust

Second Digit

Protection against ingress of water

The second digit covers the degree of protection against the entry of water, on a progressive scale. For example, number 1 indicates that dripping water shall have no harmful effect, and number 6, that water projected in powerful jets against the enclosure from any direction shall have no harmful effects.

IP	
0	No protection
1	Protected against vertical falling drops of water, e.g. condensation
2	Protected against direct sprays of water up to 15° from the vertical
3	Protected against sprays of water up to 60° from the vertical
4	Protected against water splashed from all directions - limited ingress permitted
5	Protected against low pressure jets of water from all directions - limited ingress permitted
6	Protected against strong jets of water, e.g. for use on ship decks - limited ingress permitted

The letter X can be used in place of the first or second digit to indicate that tests have either not been made or are not applicable.

NOTE In the event of additional holes being drilled/pierced or knockouts removed, suitable measures should be taken to restore the products to the original ratings.

IEC 529, BS EN 60529 does not apply to protection against the risk of explosion or conditions such as humidity, corrosive gases, fungi or vermin. In certain cases equipment designed to be mounted in an enclosure will contribute towards the stated IP rating (e.g. pushbuttons mounted in an enclosure). Different parts of enclosures can have different degrees of protection and still conform to the standard (e.g. enclosures with pre-drilled conduit entry).

Enclosure Configurations

Protect+ High Integrity and Mains Switch enclosures can be configured in a number of ways to suit the design of the installation.

High Integrity Enclosures

Allows for up to two independent circuits and/or a surge protection device to be connected whilst protecting all remaining circuits using two 100A Type A RCDs and MCBs. Enclosures are easily configured by sliding the RCDs along the DIN rail depending on installation requirements.

Independent circuits using RCBOs lend themselves to safety critical (e.g. smoke alarms) and high-risk (outdoor power) circuits, avoiding nuisance tripping whilst maximising protection.

Circuits protected by MCBs should be distributed across the two RCDs evenly with consideration given to circuit design. For example, downstairs and upstairs lighting should be controlled by different RCDs to avoid a complete lighting outage if an earth leakage trips the connected RCD, cutting supply to all other connected circuits.

Dual RCD

Enclosure Size	Number of Outgoing Ways			
	Independent	RCD 1	RCD 2	Total
16 Module	0	5	5	10
18 Module	0	6	6	12
22 Module	0	8	8	16

SPD

Enclosure Size	Number of Outgoing Ways			
	Independent	RCD 1	RCD 2	Total
16 Module	0	4	3	7
18 Module	0	5	4	9
22 Module	0	7	6	13

High Integrity

Enclosure Size	Number of Outgoing Ways			
	Independent	RCD 1	RCD 2	Total
16 Module	2 max.	4	5 max.	10
18 Module	2 max.	5	6 max.	12
22 Module	2 max.	7	8 max.	16

1 Independent Way & SPD

Enclosure Size	Number of Outgoing Ways			
	Independent	RCD 1	RCD 2	Total
16 Module	1	3	3	7
18 Module	1	4	4	9
22 Module	1	6	6	13

*Diagrams based on an 18 module enclosure

Enclosure Configurations

Mains Switch Enclosures

Allows for up to fourteen independent circuits and/or a surge protection device to be connected. Intended for installation with RCBOs, each circuit is individually protected against both overload and earth leakage to prevent nuisance tripping originating from other circuits, providing the best circuit protection solution.

Mains Switch

Enclosure Size	Number of Outgoing Ways	
	Independent	
12 Module	10	
16 Module	14	

Mains Switch & SPD

Enclosure Size	Number of Outgoing Ways	
	Independent	
12 Module	7	
16 Module	11	

*Diagrams based on a 12 module enclosure

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1164	153	8542	105	1203P	197	BI4112	298	BTHB5A	237
1165	153	8543	105	1204P	197	BI4112E	298	BTHB9A	237
1166	153	8544	105	1205P	197	BI4112P	299	BV0003	145
1169	153	8551	105	1500/2/B	308	BI4112PE	299	BV0004	145
1210	197	8552	105	3300/2/B	308	BI4114	298	BV1081	145
1212	197	8554	106	5000/3/B	308	BI4114E	298	BV1086	145
1220	186	8555	105	532BK	200	BI4114P	299	BV1092	145
4600	168	8556	105	532WH	200	BI4114PE	299	BV2034	145
4601	168	8557	105	533BK	200	BI4115	298	BV2035	145
4603	168	8561	107	534B/250	200	BI4115E	298	BV2036	145
4616	169	8562	107	534BK	200	BI4115P	299	BV2038	145
4617	169	8571	106	535B/250	200	BI4115PE	299	BV2134	145
4630	168	8574	103	535BK	200	BI6111	337	BV2135	145
4631	168	8581	106	536B/250	200	BI6121	337	BV2136	145
4640	169	8583	106	536BK	200	BR1111	250	C3504	59
4641	169	8585	106	538BK	200	BR1112	250	C3506CH	59
4660	168	8586	107	630WH	201	BR1121	250	C3507	59
4661	168	8587	107	631WH	201	BR1122	250	CP0813	185
4666	168	8589	107	632WH	201	BR1191	250	CT0413T	183
4820	170	8591	107	91WSS2	134	BR1193	250	CT1013	183
4821	170	8592	107	97HOT2	134	BR1194	250	CT1513	183
4822	170	8593	107	A4005	292	BR1195	250	CT2013RCD	183
4824	170	8594	107	A4006	292	BR1214	251	CT2513	183
4880	170	8601	73	A4030	292	BR1224	251	CTH2513	183
4881	170	8602	73	B1000	279	BR1234	251	CTH5013	183
4882	170	8603	73	B1206	146	BR1244	251	DB152	139
4884	170	8604	73	B1206C	146	BR3001	232	DB162	139
8101	93	8606	73	B1210	146	BR3010	232	DB163	139
8102	93	8607	73	B1210C	146	BR3020	232	DB164	127
8103	93	8629	74	B1216	146	BR3030	232	DB164	139
8104	93	8630	74	B1216C	146	BR3050	232	DB165	127
8106	93	8631	72	B1220	146	BR4112	254	DB165	139
8107	93	8632	72	B1220C	146	BR4112E	255	DB166	139
8129	94	8634	72	B1232	146	BR4114	254	DB167	139
8130	94	8635	72	B1232C	146	BR4114E	255	DB168	139
8131	92	8636	72	B1240	146	BR4114T	254	DB169	139
8132	92	8637	71	B1240C	146	BR4114TE	255	DB170	139
8138	93	8638	71	B1245	146	BR4115	254	DB171	127
8141	94	8639	71	B1245C	146	BR4115E	255	DB172	127
8142	94	8643	74	B1250	146	BR4115T	254	DB173	127
8143	94	8644	74	B1250C	146	BR4115TE	255	DB174	127
8144	94	8646	74	B1263	146	BR4116	254	DB184	139
8152	95	8650	75	B1263C	146	BR4116E	255	DB2540	138
8154	95	8652	75	B1406	147	BR4116T	254	DB2541	138
8156	94	8654	75	B1416	147	BR4116TE	255	DB2542	138
8160	95	8656	75	B1420	147	BR5114	282	DB2543	138
8161	96	8657	75	B1432	147	BR5114E	283	DB2544	138
8162	96	8658	75	B1440	147	BR5114T	282	DB2545	138
8171	95	8661	77	B1622	146	BR5114TE	283	DB2546	138
8174	92	8662	77	B1703	147	BR5115	282	DB2547	138
8175	97	8671	76	B1704	147	BR5115E	283	DB2548	138
8181	96	8678	72	B1705	147	BR5115T	282	DT20300	205
8183	96	8681	76	B1706	147	BR5115TE	283	DT20375	205
8185	96	8683	76	B1707	147	BR5116	282	DT21120G	206
8186	97	8685	77	B1708	147	BR5116E	283	DT21125G	206
8187	97	8686	76	B1709	147	BR5116T	282	DT21132G	206
8189	97	8687	77	B1711	147	BR5116TE	283	DT21220G	207
8191	96	8689	77	B1713	147	BR5410	286	DT21225G	207
8192	96	8690	76	B1714	147	BR5412	286	DT21320G	207
8193	96	8691	76	B172108	147	BR5414	286	DT21325G	207
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