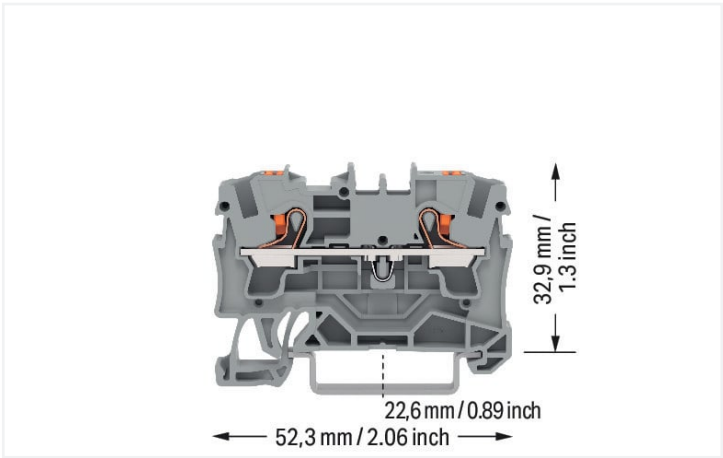


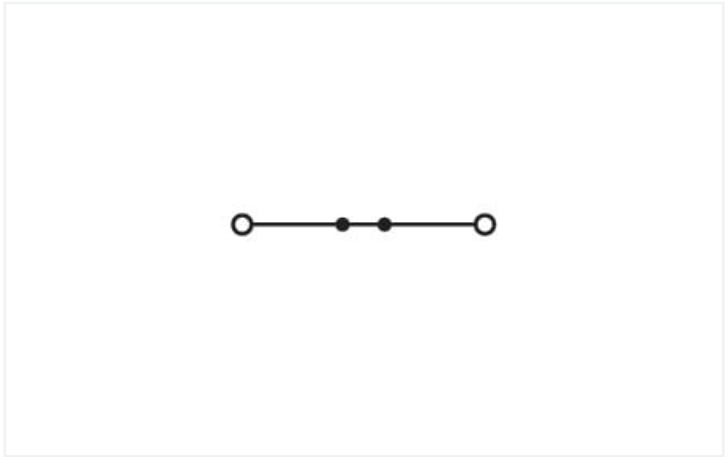
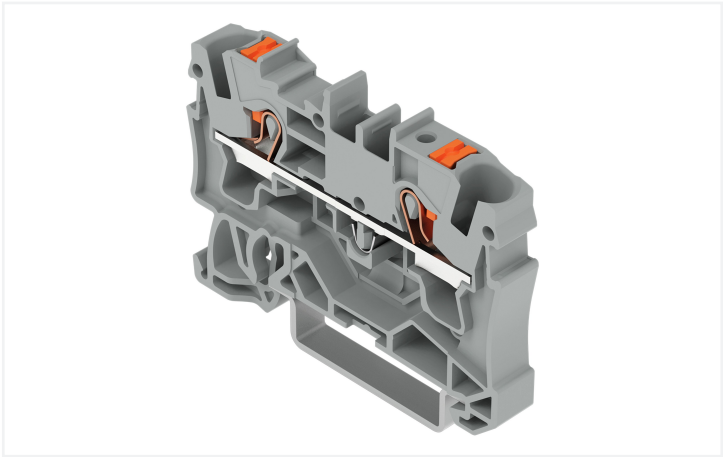
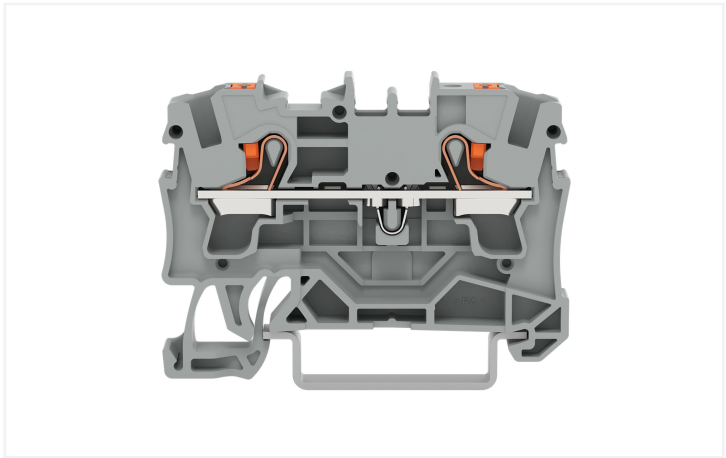
Data Sheet | Item Number: 2204-1201

2-conductor through terminal block; with push-button; 4 mm²; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 4,00 mm²; gray

<https://www.wago.com/2204-1201>



Color: gray



Similar to illustration

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60947-7-1	Approvals per	UL 1059
Nominal voltage (III/3)	800 V	Rated voltage UL (Use Group B)	600 V
Rated impulse voltage (III/3)	8 kV	Rated current UL (Use Group B)	30 A
Rated current	32 A	Rated voltage UL (Use Group C)	600 V
Current at conductor cross-section (max.) mm²	41 A	Rated current UL (Use Group C)	30 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3		

Ratings per CSA		Ex information	
Approvals per	CSA 22.2 No 158	Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated voltage CSA (Use Group B)	600 V	Ratings per	ATEX: PTB 18 ATEX 1006 U / IECEx: PTB 18.0013U (Ex eb IIC Gb)
Rated current CSA (Use Group B)	30 A	Rated voltage EN (Ex e II)	550 V
Rated voltage CSA (Use Group C)	600 V	Rated current (Ex e II)	31 A
Rated current CSA (Use Group C)	30 A	Rated current (Ex e II) with jumper	30 A

Power loss

Power loss, per pole (potential)	1.024 W
Rated current I_N for specified power loss	32 A
Resistance value for specified, current-dependent power loss	0.001 Ω

Connection data

Connection points	2	Connection 1	
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of levels	1	Actuation type	Push-button
Number of jumper slots	2	Connectable conductor materials	Copper
		Nominal cross-section	4 mm²
		Solid conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Solid conductor; push-in termination	1 ... 6 mm² / 14 ... 10 AWG
		Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 10 AWG
		Fine-stranded conductor; with insulated ferrule	0.5 ... 4 mm² / 20 ... 12 AWG
		Fine-stranded conductor; with ferrule; push-in termination	1.5 ... 4 mm² / 18 ... 12 AWG
		Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
		Strip length	11 ... 13 mm / 0.43 ... 0.51 inches
		Wiring direction	Front-entry wiring

Physical data

Width	6.2 mm / 0.244 inches
Height	52.3 mm / 2.059 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

Mechanical data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.155 MJ
Weight	7.1 g



Environmental requirements	
Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C
Commercial data	
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143711494
Customs tariff number	85369010000

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7666
CSA DEKRA Certification B.V.	C22.2	70175102
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-102877
		Approval
		EU-Declaration of Confor- mity WAGO GmbH & Co. KG
		UK-Declaration of Confor- mity WAGO GmbH & Co. KG

Approvals for marine applications		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	19-HG1866350-PDA
BV Bureau Veritas S.A.	IEC 60947	58186/A0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00003JT
LR Lloyds Register	-	19/20050

Approvals for hazardous areas		
Approval	Standard	Certificate Name
AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
ATEX Physikalisch Technische Bundesanstalt	IEC 60079-0	PTB 18 ATEX 1006 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCC CNEX	GB/T 3836.3	2020312313000170 (Ex eb IIC Gb, Ex eb I Mb)
EAC Brjansker Zertifizierungs- stelle	TP TC 012/2011	RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U)
IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 18.00 13U (Ex eb IIC Gb and Ex eb I Mb)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 19.0086 U



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2204-1201

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Documentation

Additional Information

Technical Sectionpdf2142.18 KB

↓

Bid Text

2204-120119.02.2019xml3.73 KB

↓

2204-120109.08.2018docx14.82 KB

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CAD/CAE-Data

CAD data

2D/3D Models2204-1201

↓

CAE data

EPLAN Data Portal2204-1201

↓

ZUKEN Portal2204-1201

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1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate









Item No.: 2004-1291

End and intermediate plate; 1 mm thick; gray

Item No.: 2004-1292

End and intermediate plate; 1 mm thick; orange

Item No.: 209-191

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

Item No.: 209-190

Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide; orange





Item No.: 2004-1293

Seperator plate; 2 mm thick; oversized; gray

Item No.: 2004-1294

Seperator plate; 2 mm thick; oversized; orange

1.2 Optional Accessories

1.2.1 DIN-rail



1.2.1.1 Mounting accessories



Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



Item No.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



Item No.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored



Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

1.2.2 Ferrule

1.2.2.1 Ferrule



Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



Item No.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

1.2.3 Installation

1.2.3.1 Cover



Item No.: 709-156
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 Cover carrier



Item No.: 709-169
Cover carrier; Type 3; gray

1.2.4 Insulation stop

1.2.4.1 Insulation stop

**Item No.: 2004-171**

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

**Item No.: 2004-172**

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.2.5 Jumper

1.2.5.1 Jumper

**Item No.: 2004-406/020-000**

Delta jumper; insulated; light gray

**Item No.: 2004-410**

Jumper; 10-way; insulated; light gray

**Item No.: 2004-402**

Jumper; 2-way; insulated; light gray

**Item No.: 2004-403**

Jumper; 3-way; insulated; light gray

**Item No.: 2004-404**

Jumper; 4-way; insulated; light gray

**Item No.: 2004-405**

Jumper; 5-way; insulated; light gray

**Item No.: 2004-406**

Jumper; 6-way; insulated; light gray

**Item No.: 2004-407**

Jumper; 7-way; insulated; light gray

**Item No.: 2004-408**

Jumper; 8-way; insulated; light gray

**Item No.: 2004-409**

Jumper; 9-way; insulated; light gray

**Item No.: 2004-440**

Jumper; from 1 to 10; insulated; light gray

**Item No.: 2004-433**

Jumper; from 1 to 3; insulated; light gray

**Item No.: 2004-434**

Jumper; from 1 to 4; insulated; light gray

**Item No.: 2004-435**

Jumper; from 1 to 5; insulated; light gray

**Item No.: 2004-436**

Jumper; from 1 to 6; insulated; light gray

**Item No.: 2004-437**

Jumper; from 1 to 7; insulated; light gray

**Item No.: 2004-438**

Jumper; from 1 to 8; insulated; light gray

**Item No.: 2004-439**

Jumper; from 1 to 9; insulated; light gray

**Item No.: 2004-405/011-000**

Star point jumper; 3-way; insulated; light gray

**Item No.: 2006-499**

Step-down jumper; from 2006/2004 to 2004/2002/2001 series; from 2206/2204 to 2204/2202/2201 series; insulated; light gray

**Item No.: 2016-499**

Step-down jumper; from 2016/2010 to 2010/2006/2004/2002 series; from 2216/2210 to 2210/2206/2204/2202 series; insulated; light gray

**Item No.: 210-103**

Wire commoning chain; insulated; black

**Item No.: 210-123**

Wire commoning chain; insulated; blue

1.2.6 Marking

1.2.6.1 Group marker carrier

**Item No.: 2009-191**

Group marker carrier; gray

**Item No.: 2009-192**

Group marker carrier; gray

**Item No.: 2009-193**

Group marker carrier; gray

1.2.6.2 Marker

**Item No.: 2009-145/000-006**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

**Item No.: 2009-145/000-007**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

**Item No.: 2009-145/000-023**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

**Item No.: 2009-145/000-012**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

**Item No.: 2009-145/000-005**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

**Item No.: 2009-145/000-024**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

**Item No.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-145/000-002**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.6.4 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel;
not stretchable; plain; snap-on type; white

1.2.7 Test and measurement

1.2.7.1 Testing accessories



Item No.: 2004-511
Modular TOPJOB®S connector; modular;
for jumper contact slot; 1-pole; 4,00 mm²;
gray



Item No.: 2004-552
Modular TOPJOB®S connector; modular;
for jumper contact slot; 2-pole; 4,00 mm²;
gray



Item No.: 2004-553
Modular TOPJOB®S connector; modular;
for jumper contact slot; 3-pole; 4,00 mm²;
gray



Item No.: 2004-554
Modular TOPJOB®S connector; modular;
for jumper contact slot; 4-pole; 4,00 mm²;
gray



Item No.: 2004-555
Modular TOPJOB®S connector; modular;
for jumper contact slot; 5-pole; 4,00 mm²;
gray



Item No.: 2004-549
Spacer module; modular; e.g., for bridging
commoned terminal blocks; gray



Item No.: 2009-174
Test plug adapter; for 4 mm Ø test plugs;
for testing TOPJOB®S rail-mounted ter-
minal blocks; gray



Item No.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free
connection for individual test wires 0.08 -
2.5 mm; gray

1.2.8 Tool

1.2.8.1 Operating tool



Item No.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; angled; short;
multicoloured



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; multicoloured

Installation Notes

Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled
conductors

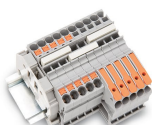


Insert fine-stranded conductors via ope-
rating tool.



Removing all conductors via operating
tool.

Commoning



Insert a push-in type jumper bar and push
down until it hits the backstop.



Commoning with step-down jumpers.



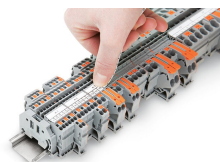
Step-down jumper (2006-499) commons
6/4 mm² (10/12 AWG) terminal blocks
(2206/2204 Series) with 4/2.5/1.5 mm²
(AWG 12/14/16) terminal blocks
(2204/2202/2201 Series).

Testing

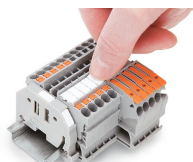


Testing with a 2 mm Ø test plug (max. 42 V).

Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.