

'16 Series' Components

General Description

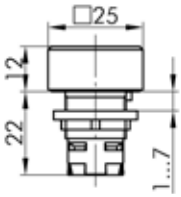
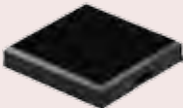
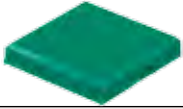
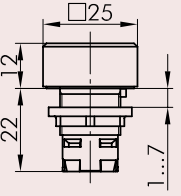
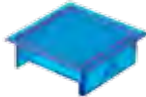
The '16 Series' offers the user components with an attractive appearance and a small panel *footprint*.

The square format allows simple alignment and the facility to butt components together to form very a compact multi-unit assembly.

Although small in size, they are designed to withstand the rigours of normal industrial applications.

Actuator Details



Image	Dimensions	Description	Catalogue No
		Pushbutton Actuator 25mm x 25mm Momentary action. Body Colour Black Charcoal <i>(Contact block options AF, AT, AT2, ATL & ATL2)</i> Requires flat colour cap & inscription plate	QXT QXTDG
		Flat Colour Caps Non transparent - no inscriptions WS - White, RT - Red, GN - Green, GB - Yellow, SW - Black, BL - Blue. (Add code letters to cat no e.g. T25FGRT)	T25FG...
		Flat Colour Caps Transparent - no inscriptions WS - White, RT - Red, GN - Green, GB - Yellow, SW - Black, BL - Blue, KL - Clear (Add code letters to cat no e.g. T25FRT)	T25F...
		Pilot Lamp 25mm x 25mm Body Colour Black Charcoal <i>(Contact block options AL5)</i> Requires flat lens & inscription plate	QXN QXNDG
		Pilot Lamp Lenses - Flat WS - Opal White, RT - Red, GN - Green, GB - Yellow, BL - Blue, KL - Clear (Add colour code to cat no e.g. KF25GB) For use with QXN..	KF25...

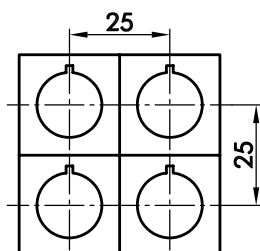
Inscription plates

		Blank Inscription Plate	BSQXU
		Printed Inscription Plate Hundreds of standard printed images and text available, Speak to our sales department for details.	BSQX...
		Printed Inscription Plate Printed to customers own requirements. Suitable for QXT....	BSQXB

Dimensions

The '16 Series' allows for the close grouping of full guard pushbuttons and indicator lamps.

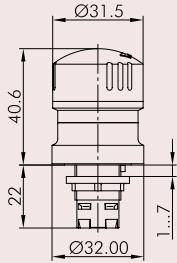
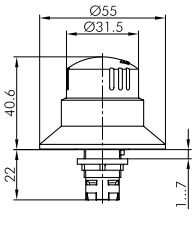
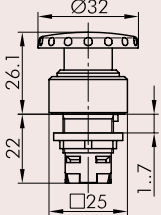
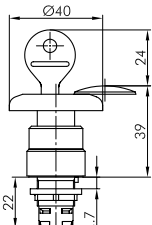
The mounting grid shown is applicable to the items shown above.



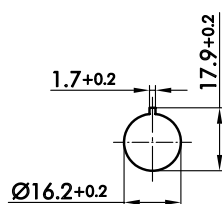
IMPORTANT

A universal lens remover must be purchased with the above Actuators to aid installation. Refer to page 129 for details.

‘16 Series’ Components contd.

Image	Dimensions	Description	Catalogue No
		Emergency Stop Actuator with Position Indicator Stayput twist-to-rest. Red button, yellow surround and green position indicator. <i>(Contact block options AT & AT2)</i> In accordance with EN 60068, EN ISO 13850, EN 60947-5-1 and EN 60947-5-5	RXUV
		As the previous item but with anti-lock collar. Red actuator & yellow body, twist-to-reset action. <i>(Contact block options AT & AT2)</i>	RXBUV
		Stop actuator 25mm x 25mm Red actuator, momentary action. Body Colour Black Charcoal <i>(Contact block options AT & AT2)</i>	QXS QXSDG
		Emergency Stop actuator 25mm x 25mm Red actuator, stayput key reset action. Body Colour Black Charcoal <i>(Contact block options AT & AT2)</i> Replacement key - ES3A	QXVSCH QXVSCHDG

Dimensions



Universal mounting for
all ‘16 Series’ components

Also available in the ‘16 Series’ :-

- Silicone protective covers for actuators.
- Short stroke actuators.
- Adjustable plunger extension.
- Choice of lens shapes.
- Key & knob actuators.
- Toggle actuator
- Buzzers & sounders.
- Wide range of accessories.

Please contact our Sales team for further details.

Contact Blocks

The ‘16 Series’ utilises ‘Type A’ contact blocks. See pages 128-129 for details. (Also includes illuminated lamp options)



'A... Series' (For use with '16 Series' actuators)

General Data Catalogue Ref AT... & AF...

Approvals



Storage Temperature
Operating Temperature

-50°C up to +85°C
-30°C up to +70°C For non-illuminated items
-30°C up to +55°C Using incandescent lamps
-30°C up to +65°C Using LED lamps

Protection Class

II

Connections

Faston terminals 2.8 x 0.8mm

Lamp Type/Socket

T5, 5K

Contact Material

silver-nickel alloy (Ag/Ni) - **gold plated versions available**

Bounce Time

NC: < 10 mS / NO: < 10 mS

Positive Opening N/C Contact 

to EN 60947-5-1 appendix K

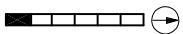
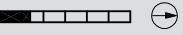
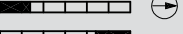
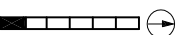
Electrical Ratings - BS EN 60947-5-1

	a.c.	d.c.
Utilisation Category	AC15 A300	DC13 Q300
Rated Insulation Voltage (Ui)	250V	300V
Rated Operational Voltage (Ue)	250V	250V / 125V / 60V / 24V
Rated Operational Current (Ie)	3A	0.2A / 0.4A / 1A / 2A
Breaking Capacity	10Ie	1.1Ie
Continuous thermal current (Ith)	6A	6A
Contact Resistance (New State)	< 20mΩ	

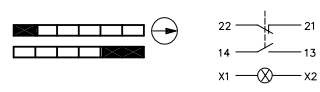
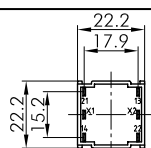
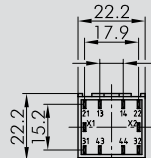
Electrical Data - Pilot Lamp Bodies

Lamp Socket	T5, 5K
Lamp Voltage	max. 60V
Lamp Output	max. 1.2W
Definition	X1.. anode, X2.. cathode.

Product Data

Image	Contact Details	Description	Catalogue No
	AT 0 1 2 3 4 5 6 22/21  22 21 14/13  14 13	Momentary action 1 N/O + 1 N/C	AT
	0 1 2 3 4 5 6 22/21  22 21 14/13  14 13 32/31  32 31 44/43  44 43	Momentary action 2 N/O + 2 N/C	AT2
	AF 0 1 2 3 4 5 6 22/21  22 21 14/13  14 13	Maintained action 1 N/O + 1 N/C	AF
		Lampholder Faston terminals 2.8 x 0.8mm Lampholder T5,5K	AL5

'A.. Series' Product Data Continued

Image	Contact Details	Description	Catalogue No
	0 1 2 3 4 5 6 22/21 14/13 	Illuminated - Momentary 1 N/C + 1 N/O 	ATL
	0 1 2 3 4 5 6 22/21 14/13 32/31 44/43 	Illuminated - Momentary 2 N/C + 2 N/O 	ATL2

Other contact blocks are available within this range, please contact our Sales staff for further details.

Accessories

Image	Description	Catalogue No
	'16 Series' Incandescent Lamps - T5,5K fitting 6V / 1.2W (200mA) 12V / 1.2W (100mA) 24V / 1.2W (50mA) 30V / 1.2W (40mA) 36V / 1.2W (35mA) 48V / 1.2W (25mA) 60V / 1.2W (20mA)	T5,5K-6V T5,5K-12V T5,5K-24V T5,5K-30V T5,5K-36V T5,5K-48V T5,5K-60V
	'16 Series' Ultra-Bright LED's - T5.5K fitting with integrated series resistor and single-wave rectifier. 24V AC/DC (7/14mA) Blue Green Red White Yellow	L5,5K24UB L5,5K24UG L5,5K24UR L5,5K24UW L5,5K24UY
	'22 & 32 Series' Incandescent Lamps - BA9s fitting 6V / 1.8W (300mA) 12V / 2.0W (166mA) 24V / 2.0W (80mA) 48V / 2.0W (40mA) 60V / 1.2W (20mA) 110V-130V / 2.0W (18mA)	FZR9-6 FZR9-12 FZR9-24 FZR9-48 FZR9-60-1 FZR9-130
	'22 & 32 Series' Ultra-Bright LED's - BA9s fitting with integrated single-wave rectifier for 230V a.c., 3mA Blue Green Red White Yellow	LD9-230UB LD9-230UG LD9-230UR LD9-230UW LD9-230UY
	Tightening Tool '16 Series' '22 Series'	S16 S22
	Universal Lens Remover	USK

