

Pushbutton Stations – 1, 2 or 3 stations

Emergency Stop, Switched, Key Switched and Momentary pushbuttons
Installation Instructions Issue 10

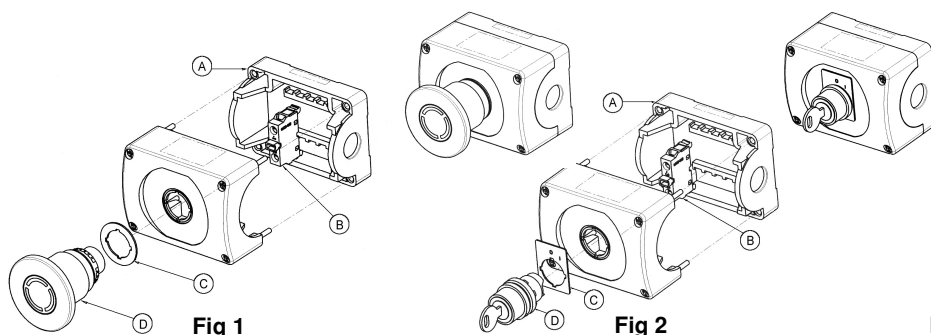


Fig 3

Fig 4

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INSTALLATION

- Figures 1 and 2 show an exploded view of two typical pushbutton stations.
 - A - Base moulding incorporating up to 4 Contacts (see table 1). The design allows the cover to be removed without removing the contacts or wiring.
 - B - Normally closed or open contact block. Additional contacts simply clip in place, observe positions as per table 1.
 - C - Legend plates are located here or a spacer used if legend plate not fitted.
 - D - Pushbutton.
- Each pushbutton station is supplied with contacts as shown in Table 1. Additional contacts must be fitted in accordance with the options shown in Table 1 and positions shown in Figures 3 and 4, (3 station not shown). The contacts simply snap into position or are lightly levered out using a small flat screwdriver.
- IMPORTANT** – Position 4 must never be used with a single type contact. If 4 contacts are required then a special double contact must be used in positions 3 and 4. Part number shown in table 1.

Pushbutton Selection Table 1.		Factory Fitted Contact "N.O" or "N.C" depending on pushbutton type											
		Additional contacts. "✓" can be N.O or N.C. "x" means do not fit.				1	2	3	4	1	2	3	4
1GO	Start/Green	✓	n.o	✓	x								
1RC	Stop/Red		n.c	✓	x								
1RSC *	Mushroom Head 30mm (twist release)	x	n.c	n.o	x	* Cannot accept additional contacts							
1RSC-EN	Emergency Stop 40mm (stay put) – to IEC 60947-5-5	✓	n.c	✓	x								
1RMSC50	Mushroom Head 60mm (twist release)	✓	n.c	✓	x								
1RMSC *	Emergency Stop (key release) – to IEC 60947-5-5	x	n.c	n.o	x	* Cannot accept additional contacts							
1H2O-I	Two position switch	n.o	x	✓	x								
1K2 O-I	Two position key switch (key removable)	n.o	x	✓	x								
1H3 I-O-II	Three position switch	n.o	x	n.o	x								
2GORC	Start/Green and Stop/Red	✓	n.o	✓	x	✓	n.c	✓	x				
2ORSC-EN	Start/Green & Red/Emergency stop 40mm EN418	✓	n.o	✓	x	✓	n.c	✓	x				
3GOGORC	Forward/Green – Stop/Red – Reverse/Green	✓	n.o	✓	x	✓	n.c	✓	x	✓	n.o	✓	x
3GOGORSC –EN	Two Green and Red/Emergency Stop 40mm (twist release) – to EN418	✓	n.o	✓	x	✓	n.c	✓	x	✓	n.o	✓	x
1RSC-ENSS	Emergency Stop 40mm (stay put) – to EN418 Stainless Steel Enclosure. <i>Rear mounted contacts</i>	✓	n.c	✓	x	Note – Only use rear mounted contacts. N.O part No 1NOR , N.C part No 1NCR							
1NO	Replacement contact block n/o	✓	✓	✓	x	✓	✓	✓	x	✓	✓	✓	x
1NC	Replacement contact block n/c	✓	✓	✓	x	✓	✓	✓	x	✓	✓	✓	x
MCB-20B	Replacement 2 pole contact block n/o see note 3	✓		✓		✓		✓		✓		✓	
MCB-02B	Replacement 2 pole contact block n.c see note 3	✓		✓		✓		✓		✓		✓	

Contact Block Ratings	UL/CSA NEMA	IEC947-5-1	DC Utilisation
Rated Insulation Voltage	600V	690V	Category DC13
Rated Thermal Current	10A	10A	
Rated operational Current	(120V) 6A	(120V) 8A	
" " "	(240V) 3A	(230V) 6A	
" " "	(480V) 1.5A	(400V) 4A	(250V DC) 0.55A
" " "	(600V) 1.2A	(690V) 2A	
* Rated Insulation Voltage	250V	300V	(24V DC) 0.3A
* Rated Thermal Current	2.5A	5A	(125V DC) 0.2A

Terminals	
Connectable areas	Min 1 x 0.5mm ²
	Max. 2 x 2.5mm ²
Recommended torque	0.9 Nm
* Compact Em-Stop	0.8 Nm
* Connectable areas (Compact Em-stop)	Min 1 x 0.5mm ²
	Max 2 x 1.5mm ²

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