IMO

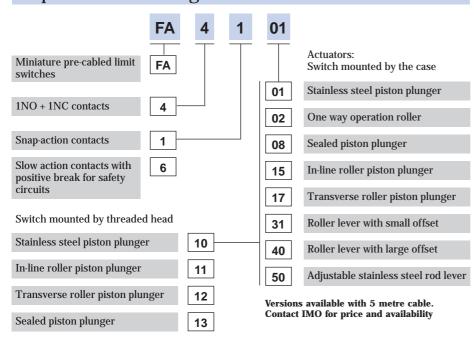
Miniature Pre-Cabled Limit Switches FA

Miniature, high accuracy, pre-cabled limit switches with robust metal cases conforming to standards NF C63-140 and NF C63-145 class Y2

- Positive break versions for safety circuits in conformity with BS60947-5-1, VDE 0660 part 206 and IEC 337-1
- Double-break Zb contacts with electrically separate NO and NC circuits
- Snap-action types
- Mounting holes are counterbored to keep screw heads within switch housing dimensions
- Standard types can be mounted using side holes or the screws in the top which also secure the actuator
- Threaded-head mounting models
- Actuator heads can be removed and rotated
- Plunger types are suitable for gang-mounting
- Lever type Lever can be adjusted over 360° in 10° increments
- IP67



Options and ordering codes



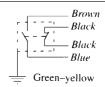
Specifications

Rated thermal current Ith	10A	
Rated working voltage	500VAC/600VDC	
Maximum operating frequency	6000/hour	
Mechanical life	20 million operations	
Contact form	1NO + 1NC	
Initial contact resistance	<20 mOhms	
Contact material	silver	
Repeat accuracy	0.01mm	
Dielectric strength	4000V between current carrying parts and ground	
Protection rating	IP67	
Ambient operating temperature	−25 to +75 deg. C	
Cable	5 core, 0.75mm² x 2 metres long	
Short-circuit protection required	10A HRC quick blow max.	
Housing material	die cast metal alloy	

Contact ratings

U		
BS/EN 60947-5-1 AC15 - Control of AC electromagentic	120VAC	6A
loads>72VA sealed – replaces AC11	240VAC	4A
•	400VAC	3A
DC13 - Control of DC electromagnetic	24VDC	2.5A
loads where the time taken to reach	125VDC	0.55A
95% of the rated current is equal to	250VDC	0.27A
6 times the power of the load (where P>50W) – replaces DC11		

Wiring connections



Note: The positive break applies to the NC wires of the type 6 contacts only. Connections to safety circuits should be made to the black wires only. Connections to safety circuits should NOT be made using the type 1 contacts. Slow action contacts are break before make. To ensure positive breaking of the NC contacts on the type 6 models, exceed the pre-travel by 1.5mm or 25°, according to the model



Dimensions and characteristics

