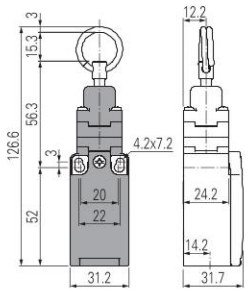
FR 573-M2 signal switches with persistent contact

Contact type:

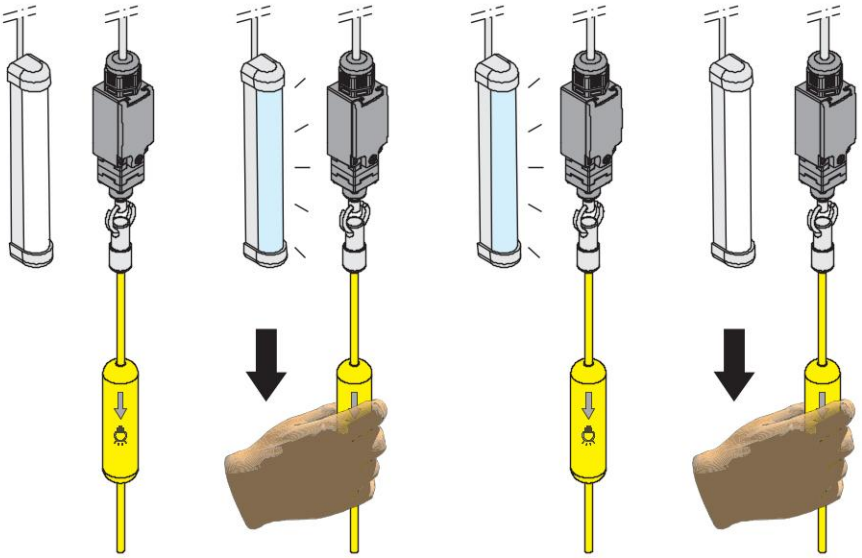
R = snap action



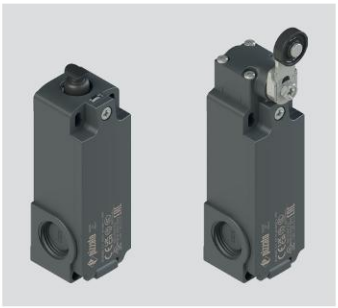
Contact block			
5	R	FR 573-M2	1NO+1NC
11	R	FR 1173-M2	2NO
12	R	FR 1273-M2	2NC
Max. speed		0.5 m/s	
Actuating force		initial 20 N - final 40 N	

All values in the drawings are in mm

The switch is operated by traction of a rope connected to it and retains its state after actuation.
This means that the first actuation closes the contacts, the next actuation opens them, and so on.
This solution has been specifically designed to be applicable in all those situations where a floating switch is usually used to control a stepping relay, such as, for example, a device for switching on and off lights in rooms or for the opening / closing of gates.
Thanks to the retained actuation state, the first traction on the rope will enable, for example, the switching on of an illumination system, which can then be switched off by a subsequent traction.
The use of the switch alone makes the combinations of stepping relays and associated wiring unnecessary, greatly simplifying installation.
For more information see the General Catalogue Lifts by Pizzato Elettrica.

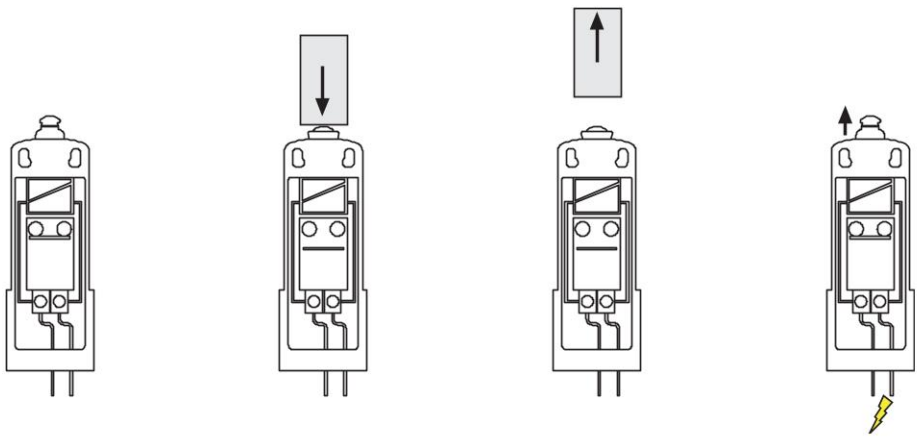


FT series switches with electrical reset



The FT series safety switches with reset retain their switching state when operated: their reset occurs electrically through the integrated solenoid. Thanks to this special feature, the switch can be remotely reset without having to go physically near it.
Available with 3 supply voltages of the solenoid (24 Vdc, 48 Vdc, 230 Vac) and with multiple actuators, the FT series switches are able to adapt to a wide variety of applications, particularly in the area of lifts, speed limiters and, more generally, in the world of security. Some models may also be manually reset.
Pizzato Elettrica has also introduced a new adjustment system integrated into the switch. It is designed specifically for speed limiter applications and allows a very fine and sensitive setting of the switch position along its vertical axis.
For more information see the General Catalogue Lifts by Pizzato Elettrica.

Operating principle



Switch in rest position

Actuation of the switch. Opening of the contacts

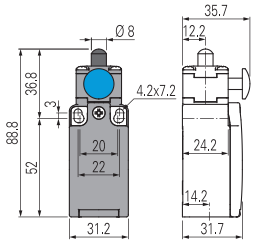
Release of the switch. The contacts remain open

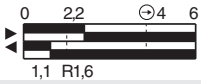
Reset of the switch via electric impulse

Switches for switching cabinets - FR 5F1-M2, FR 10F1-M2

Contact type:

R = snap action
L = slow action

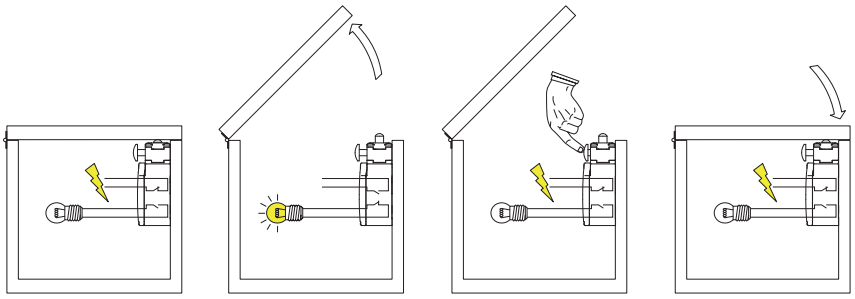


Contact block			
5	R	FR 5F1-M2	1NO+1NC
			
10	L	FR 10F1-M2	2NO
			
Max. speed		page 221 - type 4	
Actuating force		8 N (25 N)	

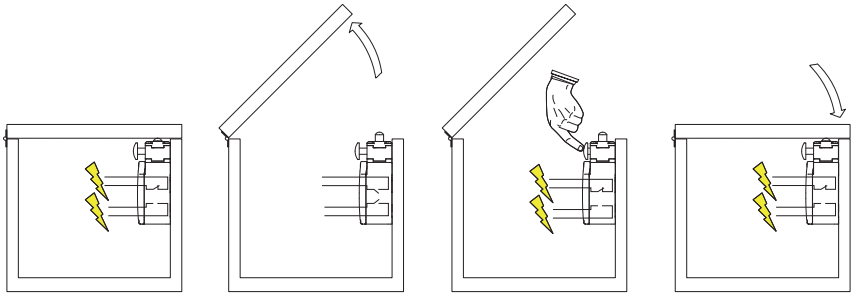
All values in the drawings are in mm

The FR 5F1-M2, FR 10F1-M2 switches are applied on electrical panel doors and are used when opening the door to turn on any signalling devices (e.g. three-phase flashing, etc.). Maintenance personnel of the panel can simulate the closing of the door by pressing the blue button. When maintenance is performed by simply closing the switching cabinet door, the switch functionality will be automatically reset.

FR 5F1-M2 operating principle



FR 10F1-M2 operating principle

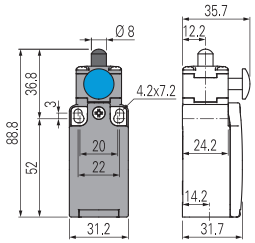


⚠ If not expressly indicated in this chapter, for correct installation and utilization of all articles see chapter Utilization requirements from page 217 to page 232.

Switches for switching cabinets - FR 37F1-M2

Contact type:

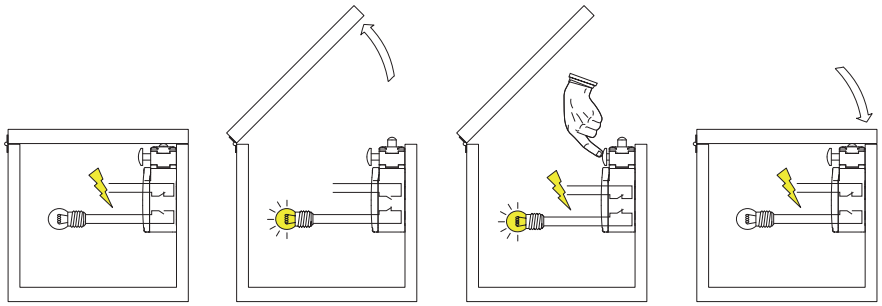
L = slow action



Contact block			
37	L	FR 37F1-M2	1NO+1NC
			
Max. speed		page 221 - type 4	
Actuating force		8 N (25 N)	

The present switch and the one described above have a similar operation principle.
Pressing the switch button simulates the closing of the door powering the auxiliary circuit again while still leaving the light on that will only be turned off when the door is closed.

FR 37F1-M2 operating principle



⚠ If not expressly indicated in this chapter, for correct installation and utilization of all articles see chapter Utilization requirements from page 217 to page 232.