

Lift Directive 2014/33/EU, RoHS Directive 2011/65/EU. **Positive contact opening in conformity with standards:** IEC 60947-5-1, EN 60947-5-1.

## Installation for safety applications:

EAC approval:

Use only switches marked with the symbol O next to the product code. Always connect the safety circuit to the **NC contacts** (normally closed contacts: 11-12, 21-22 or 31-32) as stated in **standard EN 81-20 par. 5.11.2.2.1**. Actuate the switch **at least up to the positive opening travel** shown in the travel diagrams on page 142. Actuate the switch **at least with the positive opening force**, reported in brackets below each article, next to the actuating force value.

riangle If not expressly indicated in this chapter, for correct installation and utilization of all articles see the instructions given on pages 139 to 146.

Electrical data			Utilization category			
Thermal current (I <sub>th</sub> ):	10 A	Alternating current: AC15 (50÷60 Hz)				
Rated insulation voltage (U <sub>i</sub> ):	500 Vac 600 Vdc 400 Vac 500 Vdc (contact block 11) 6 kV 1000 A acc. to EN 60947-5-1	U <sub>e</sub> (V)	250 6	400	500 1	
Rated impulse withstand voltage (U <sub>imp</sub> ): Conditional short circuit current:		l <sub>e</sub> (A) 6 4 1 Direct current: DC13				
Protection against short circuits:	type aM fuse 10 A 500 V	U_ (V)	24	125	250	
Pollution degree:	3	l <sub>e</sub> (A)	3	0.55	0.3	

## Features approved by IMQ

Rated insulation voltage (U):	500 Vac
	400 Vac (for contact block 11)
Conventional free air thermal current (I,	): 10 A
Protection against short circuits:	type aM fuse 10 A 500 V
Rated impulse withstand voltage (U <sub>imp</sub> )	: 6 kV
Protection degree of the housing:	IP67
MV terminals (screw terminals)	
Pollution degree:	3
Utilization category:	AC15
Operating voltage (U):	400 Vac (50 Hz)
Operating current (I):	3 A

RU C-IT.YT03.B.00035/19

Forms of the contact element: Zb, Y+Y, Y+Y+X

Positive opening of contacts on contact blocks 5, 11, 17, 19 In compliance with standards: EN 60947-1, EN 60947-5-1, fundamental requirements of the Low Voltage Directive 2014/35/EU

Please contact our technical department for the list of approved products.

## Features approved by UL

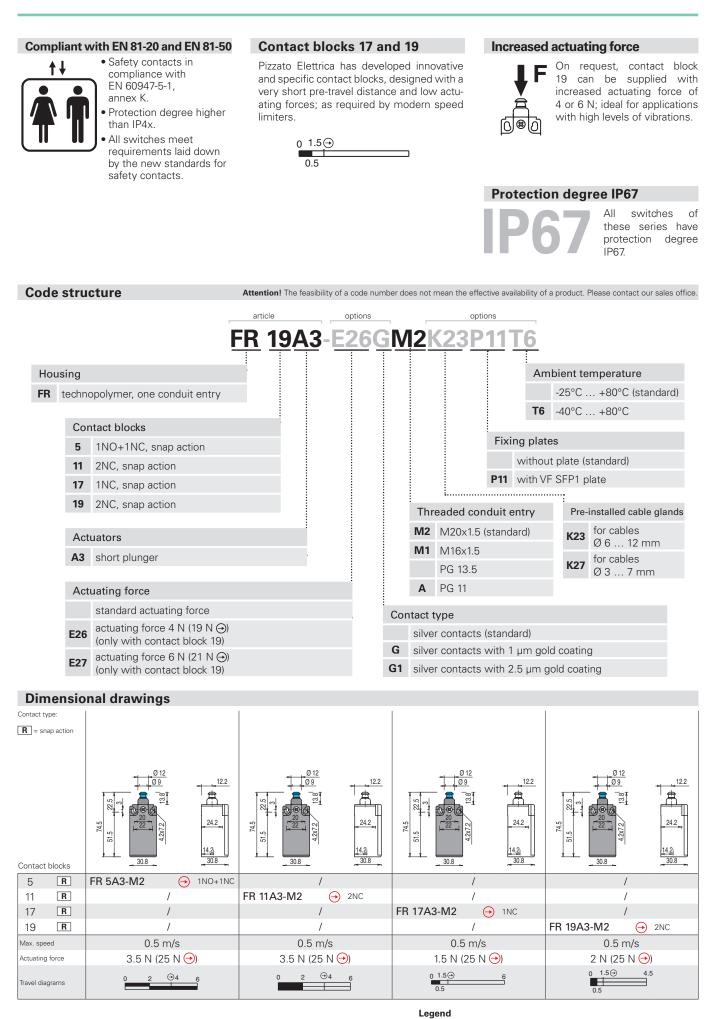
Electrical Ratings: Q300 pilot duty (69 VA, 125-250 V dc) A600 pilot duty (720 VA, 120-600 V ac)

Environmental Ratings: Types 1, 4X, 12, 13

For all contact blocks use 60 or 75°C copper (Cu) conductors, rigid or flexible, wire size 12, 14 AWG. Tightening torque for terminal screws of 7.1 lb in (0.8 Nm).

The hub is to be connected to the conduit before the hub is connected to the enclosure.

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All values in the drawings are in mm

<sup>■</sup> Closed contact | □ Open contact | ⊖ Positive opening travel