

## Datasheet - TQ 700-20 S

Pull-wire switches / TQ 700 S



- Thermoplastic enclosure
- 
- Large wiring compartment
- Twisting of towing eye not possible
- wire pull detection
- 2 Contacts
- 1 Cable entry M20

(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	TQ 700-20 S
Article number	103000084
EAN code	


### Approval

Approval



USA/CAN

### Global Properties

Product name	TQ 700 S
Standards	IEC/EN 60947-5-1
Compliance with the Directives (Y/N) 	Yes
Materials	
- Material of the housings	Plastic, thermoplastic
- Material of the cover	Plastic, thermoplastic
- Material of the contacts	Silver
Weight	
Emergency-Stop button (Y/N)	No


### Mechanical data

Design of electrical connection	Screw connection
Cable section	
- Max. Cable section	2.5 mm <sup>2</sup>
Mechanical life	> 1.000.000 operations
notice	All indications about the cable section are including the conductor ferrules.
Actuating force ( )	88 N (± 15 %)

## Ambient conditions

Ambient temperature	
- Min. environmental temperature	-25 °C
- Max. environmental temperature	+70 °C
Protection class	IP67 to IEC/EN 60529

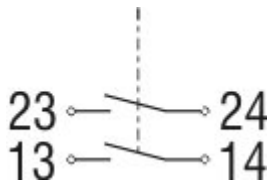
## Electrical data

Design of control element	Normally open contact (NO)
Switching principle	Creep circuit element
- positive break NC contact 	
Number of shutters	2 piece
Number of openers	2 piece
Rated impulse withstand voltage U <sub>imp</sub>	6 kV
Rated insulation voltage U <sub>i</sub>	500 V
Thermal test current I <sub>the</sub>	10 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage I <sub>e</sub> /U <sub>e</sub>	4 A / 230 VAC; 2.5 A / 400 VAC; 1 A / 500 VAC; 1 A / 24 VDC
Max. fuse rating	6 A gG D-fuse






## Dimensions

Dimensions	
- Width	40.5 mm
- Height	160 mm
- Depth	42.5 mm

## Diagram








Note Diagram

-  positive break NC contact
-  active
-  no active
-  Normally-open contact
-  Normally-closed contact

## Switch travel diagram



#### Notes Switch travel diagram

-  Contact closed
-  Contact open
-  Setting range
-  Break point
-  Positive opening sequence/- angle
- VS** adjustable range of NO contact
- VÖ** adjustable range of NC contact
- N** after travel

#### Ordering code

TQ 700-(1) S

(1)

11	1 Normally open contact (NO) / 1 Opener (NC)
02	2 Opener (NC)
20	2 Normally open contact (NO)

#### Documents

**Operating instructions and Declaration of conformity** (pt) 241 kB, 17.01.2013

Code: mrl\_tq700s\_pt

**Operating instructions and Declaration of conformity** (de) 228 kB, 17.01.2013

Code: mrl\_tq700s\_de

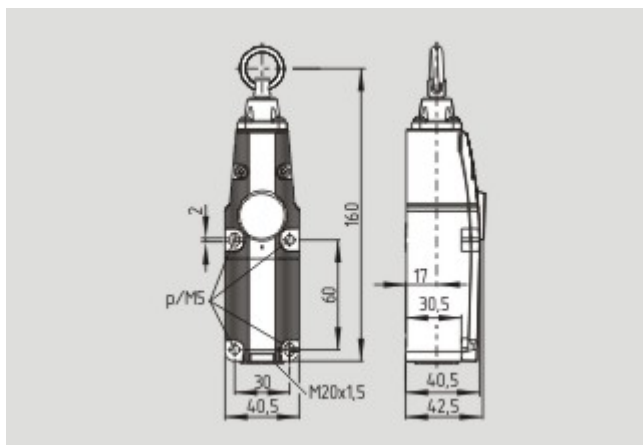
**Operating instructions and Declaration of conformity** (en) 239 kB, 17.01.2013

Code: mrl\_tq700s\_en

**Operating instructions and Declaration of conformity** (br) 243 kB, 17.01.2013

Code: mrl\_tq700s\_br

#### Images



Dimensional drawing (basic component)



Application

System components

Accessories



101218021 - PR-B-4M



101218020 - PR-B-3M



101218019 - PR-B-2M



101218018 - PR-B-1M

