

Datasheet - TQ 700-20 S

Pull-wire switches / TQ 700 S



- Thermoplastic enclosure
- vertical mounting
- 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 | |
| eCl@ss | 27-37-12-90 |

Approval

Approval



Global Properties

| | |
|--|------------------------|
| Permanent light | 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 |
| Mechanical life | > 1.000.000 operations |
| notice | All indications about the cable section are including the conductor ferrules. |
| Actuating force (Tension force F) | 88 N (± 15 %) |

Ambient conditions

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

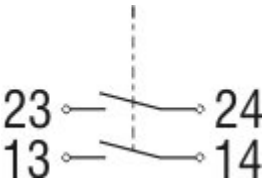
Electrical data






| | |
|---|---|
| Design of control element | Normally open contact (NO) |
| Switching principle | Creep circuit element |
| - positive break NC contact  | |
| Number of shutters | 2 |
| Number of openers | 2 |
| Rated impulse withstand voltage | 6 |
| Rated insulation voltage | 500 |
| Thermal test current | 10 A |
| Utilisation category | AC-15; DC-13 |
| Rated operating current/voltage | 4 A / 230 ; 2.5 A / 400 ; 1 A / 500 ; 1 A / 24 |
| Max. fuse rating | 6 A gG D-fuse |

Dimensions

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

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) 252 kB, 12.12.2018
Code: mrl_tq700s_pt

Operating instructions and Declaration of conformity (jp) 371 kB, 12.12.2018
Code: mrl_tq700s_jp

Operating instructions and Declaration of conformity (es) 256 kB, 12.12.2018
Code: mrl_tq700s_es

Operating instructions and Declaration of conformity (de) 237 kB, 12.12.2018
Code: mrl_tq700s_de

Operating instructions and Declaration of conformity (en) 248 kB, 12.12.2018
Code: mrl_tq700s_en

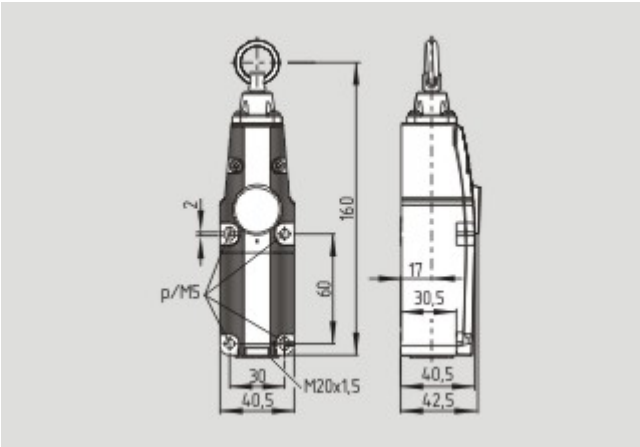
Operating instructions and Declaration of conformity (it) 254 kB, 12.12.2018
Code: mrl_tq700s_it

Operating instructions and Declaration of conformity (br) 253 kB, 12.12.2018
Code: mrl_tq700s_br

Operating instructions and Declaration of conformity (nl) 282 kB, 12.12.2018
Code: mrl_tq700s_nl

Operating instructions and Declaration of conformity (pl) 287 kB, 12.12.2018
Code: mrl_tq700s_pl

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

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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