



TQ 441-01/01Y-UE-R-M20

- Metal enclosure
- One-side operation / wire up to 25 m long

Data

Ordering data

Product type description	TQ 441-01/01Y-UE-R-M20
Article number (order number)	101160100
EAN (European Article Number)	4030661188836
eCl@ss number, version 12.0	27-27-06-07
eCl@ss number, version 11.0	27-27-06-07
eCl@ss number, version 9.0	27-27-06-07
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	cULus CCC
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General data

Standards	EN IEC 60947-5-1
Housing material	Light-alloy diecast, paint finish
Material of the housing cover	Steel

Gross weight	720 g
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General data - Features

Latching	Yes
Number of normally closed (NC)	2

Mechanical data

Mechanical life, minimum	30,000 Operations
Tightening torque of the fastening screws for the housing cover, maximum	0.6 Nm

Mechanical data - Connection technique

Cable entry	2 x M20 x 1,5
Cable section, maximum	4 mm ²
Note	All indications including the conductor ferrules.
Tightening torque of electrical connection	1.7 Nm

Ambient conditions

Degree of protection	IP65
Ambient temperature	-30 ... +90 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	400 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	10 A
Rated operating voltage	380 VAC

Operating current	4,000 mA
Switching principle	Slow action with overlapping contacts
Maximale Schalthäufigkeit	3,600 /h
Material of the contacts, electrical	Silver

Ordering code

Product type description:

TQ 441-(1)(2)-(3)-(4)-(5)-(6)-M20

(1)	
11	1 NO contact/1 NC contact
20	2 NO contacts
01/01	1 NC contact for pull wire/1 NC contact for wire breakage
(2)	
Y	IP65
X	IP54
(3)	
UE	With overlapping contacts
(4)	
R	With latching
(5)	
S	Release by key
(6)	
without	Preload force 220 N *
-1572	Preload force 60 N *
-1573	Preload force 35 N *
	* For release paths and forces, see operation and mounting

Documents

Operating instructions and Declaration of conformity

TQ 441 Pull-wire switches (232.8 kB, 10.05.2019, Revision L)

UL Certificate

TQ 441 (384.8 kB, 01.08.2019)

CCC certification

M/T.441 ,T.422, M/T.452, M/T.250 (1.3 MB, 24.10.2024)

Pictures

Product picture (catalogue individual photo)

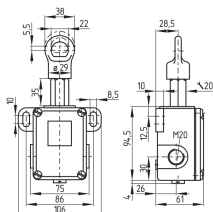
ID: ktq44f01

| 793.2 kB | .jpg | 352.778 x 581.378 mm - 1000 x 1648 px - 72 dpi

| 67.9 kB | .png | 74.083 x 122.061 mm - 210 x 346 px - 72 dpi

| 67.9 kB | .png | 74.083 x 122.061 mm - 210 x 346 px - 72 dpi

Dimensional drawing basic component



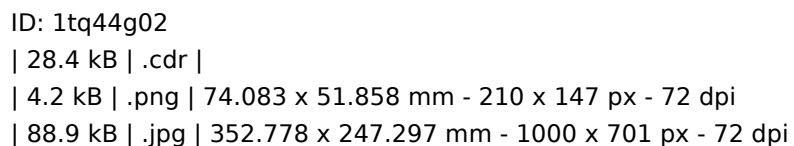
ID: 1tq44g01

| 38.2 kB | .cdr |

| 10.1 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi

| 117.7 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Dimensional drawing basic component



ID: 1tq44g03
| 26.6 kB | .cdr |
| 3.7 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi
| 84.6 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

ID: ktq44m01
| 139.5 kB | .cdr |

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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