



T4S 256-11ZUE

- 2 cable entries M 20 x 1.5
- Mounting details to EN 50047
- Thermoplastic enclosure
- Double-insulated
- 58 mm x 50,5 mm x 31 mm
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

Note (Delivery capacity)	Not available!
Product type description	T4S 256-11ZUE
Article number (order number)	101145156
EAN (European Article Number)	4030661136271
eCl@ss number, version 12.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 9.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	cULus CCC
--------------	--------------

General data

Standards	BG-GS-ET-15 EN ISO 13849-1 EN IEC 60947-5-1
Housing construction form	Norm construction design
Housing material	Plastic, glass-fibre-reinforced
Gross weight	96 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	20,000,000 Operations
---	-----------------------

Mechanical data

Actuating element	Plunger
Mechanical life, minimum	20,000,000 Operations
Actuating force, minimum	9 N
Positive break force, minimum	19 N
Actuating speed, minimum	60 mm/min
Actuating speed, maximum	1 m/s
Note Bounce duration	Bounce duration in accordance with actuating speed

Note (Switchover time)

Switchover time in accordance with actuating speed

Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.75 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	31 mm
Width of sensor	58 mm
Height of sensor	90.5 mm

Ambient conditions

Degree of protection	IP65 IP67
Ambient temperature	-30 ... +80 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6 kV

Electrical data

Thermal test current	10 A
Required rated short-circuit current	1,000 A
Utilisation category AC-15	240 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC

Utilisation category DC-13	1 A
Switching element	NO contact, NC contact
Switching principle	Slow action with overlapping contacts
Switching frequency	5,000 /h
Material of the contacts, electrical	Silver

Pictures

Product picture (catalogue individual photo)



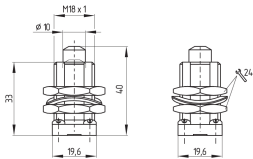
ID: k256sf02

| 569.2 kB | .jpg | 352.778 x 542.925 mm - 1000 x 1539 px - 72 dpi

| 63.1 kB | .png | 74.083 x 113.947 mm - 210 x 323 px - 72 dpi

| 40.7 kB | .jpg | 80.081 x 123.472 mm - 227 x 350 px - 72 dpi

Dimensional drawing actuator



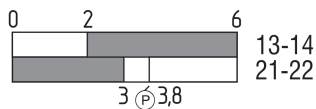
ID: 1s236g02

| 133.3 kB | .cdr |

| 7.5 kB | .png | 74.083 x 52.211 mm - 210 x 148 px - 72 dpi

| 82.3 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703 px - 72 dpi

Switch travel diagram



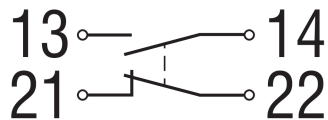
ID: kr235s09

| 16.8 kB | .cdr |

| 1.7 kB | .png | 74.083 x 23.283 mm - 210 x 66 px - 72 dpi

| 41.7 kB | .jpg | 352.778 x 111.478 mm - 1000 x 316 px - 72 dpi

Diagram



ID: k1o1sk01

| 52.2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407 px - 72 dpi

| 2.6 kB | .png | 74.083 x 29.986 mm - 210 x 85 px - 72 dpi

Schmersal, Inc., 115 E Stevens Ave, Suite 208, Valhalla, NY 10595

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.

Generated on: 19/01/2024, 11:45