DATASHEET



T4C 236-11Z-M20

- 1 Cable entry M 20 x 1.5
- Thermoplastic enclosure
- Double-insulated
- Good resistance to oil and petroleum spirit
- 30 mm x 88,5 mm x 30 mm
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

Product type description	T4C 236-11Z-M20
Article number (order number)	101164465
EAN (European Article Number)	4030661205953
eCl@ss number, Version 9.0	27-27-06-09
eCl@ss number, Version 11.0	27-27-06-09
ETIM number, version 7.0	EC002591
ETIM number, version 6.0	EC002591

Approval - Standards

Certificates	cULus CCC EAC

General data

Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the actuator	Stainless steel
Material of the contacts, electrical	Silver
Gross weight	105 g

General data - Features

Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

Standards	BG-GS-ET-15 EN ISO 13849-1 EN 60947-5-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations

Mechanical data

Actuating element	Swivel lever
Mechanical life, minimum	1,000,000 Operations
Positive break angle	12.5 °
Positive break torque	0.2 Nm
Opening angle	2 x 90°

Mechanical data - Connection technique

Terminal Connector	Screw terminals M20 x 1.5
Cable section, minimum	1 x 0.75 mm²
Cable section, maximum	1 x 2.5 mm²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	30 mm

Height of sensor	161 mm
Height of the actuator	78 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

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

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 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	Creep circuit element
Switching frequency	5,000 /h

Ordering code

Product type description:
T(1)C 236-(2)Z-(3)

(1)

3	left-hand model
4	Swing-door version
5	right-hand model

(2)

01	1 NC contact
02	2 NC contact
11	1 NO contacts/1 NC contact

(3)

without	Cable entry M20
ST	M12 connector with A-coding
ST-2310	M12 connector with B-coding

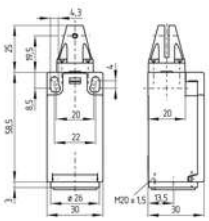
Pictures

Product picture (catalogue individual photo)



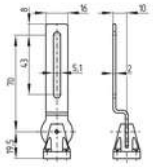
ID: k2363f02
| 213.8 kB | .jpg | 102.658 x 248.003 mm - 291 x 703 px - 72 dpi
| 162.0 kB | .png | 74.083 x 178.858 mm - 210 x 507 px - 72 dpi

Dimensional drawing basic component



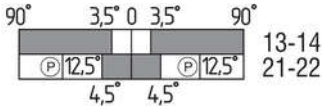
ID: 1c236g01
| 31.6 kB | .cdr |
| 8.5 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 104.4 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

Dimensional drawing actuator



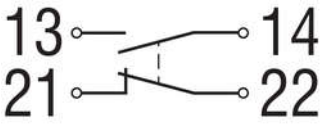
ID: 1c235b02
| 3.2 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi
| 58.7 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Switch travel diagram



ID: kc235s04
| 20.3 kB | .cdr |
| 2.2 kB | .png | 74.083 x 23.636 mm - 210 x 67 px - 72 dpi
| 68.5 kB | .jpg | 352.778 x 112.889 mm - 1000 x 320 px - 72 dpi

Diagram



ID: k1o1sk01
| 52.2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220
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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