



T5C 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

EAN (European Article Number)	4030661168937
eCl@ss number, Version 9.0	27-27-06-09
eCl@ss number, Version 11.0	27-27-06-09
ETIM number, version 6.0	EC002591
ETIM number, version 7.0	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	90 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	180°
---------------	------

Mechanical data - Connection technique

Terminal Connector	Screw connection
--------------------	------------------

Cable section, minimum	1 x 0.75 mm ²
------------------------	--------------------------

Cable section, maximum	1 x 2.5 mm ²
------------------------	-------------------------

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	93 mm
Height of sensor	94.5 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

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 10:33 AM