



TESK-SU-12ST2

- Metal enclosure

Data

Ordering data

EAN (European Article Number)	4030661447582
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	Zinc die-cast
Material of the contacts, electrical	Silver-nickel alloy 10
Colour of the housing	Silver
Gross weight	350 g

General data - Features

Mounting inside	Yes
Mounting outside	Yes
Adjustable switching angle	Yes
Alignment aid	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

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)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations

Mechanical data

Mechanical life, minimum	1,000,000 Operations
--------------------------	----------------------

Mechanical data - Connection technique

Terminal Connector	Connector M12
--------------------	---------------

Mechanical data - Dimensions

Length of sensor	20 mm
Width of sensor	78 mm

Height of sensor	116 mm
------------------	--------

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+65 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	30 V
Rated impulse withstand voltage U_{imp}	0.5 kV

Electrical data

Thermal test current	2.5 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2 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	1,200 /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, 10:29 AM