



T3Z 068-22YRS

- 2 switches in one enclosure
- Metal enclosure
- two-side operation / wire up to 2 x 50 m long
- Robust design
- Low actuating force

Data

Ordering data

Product type description	T3Z 068-22YRS
Article number (order number)	101087882
EAN (European Article Number)	4030661057217
eCl@ss number, version 9.0	27-37-12-01
eCl@ss number, version 11.0	27-37-12-01
eCl@ss number, version 12.0	27-37-12-01
ETIM number, version 7.0	EC002026
ETIM number, version 6.0	EC002026

Approvals - Standards

Certificates	TÜV cULus CCC EAC
--------------	----------------------------

General data

Standards	EN IEC 60947-5-1 EN IEC 60947-5-5 EN ISO 13850
-----------	--

Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the housing cover	Grey cast iron, painted
Length of the wire, maximum	50 m
Gross weight	4,825 g

General data - Features

Key reset	Yes
Number of auxiliary contacts	2
Number of safety contacts	2

Safety classification

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

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	100,000 Operations
---	--------------------

Mechanical data

Actuating element	Roller lever N300
Mechanical life, minimum	50,000 Operations
Positive break angle	32 °
Actuating force, maximum	50 N
Note (Actuating force)	30 N in wire direction
Actuation direction	Each time 75° right-hand side and left-hand side rotation
Positive break force, minimum	50 N
Positive break torque	0.2 Nm

Mechanical data - Connection technique

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

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	6 A
Switching element	NO contact, NC contact
Switching principle	Slow action

Note

Note (General)	At 3 m distance intermediate wire supports are required, see accessories
----------------	--

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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: 26/08/2022, 07:36