



T3Z 068-33YRG

- 3 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 068-33YRG
Article number (order number)	101087887
EAN (European Article Number)	4030661057293
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 CCC EAC
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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	4,995 g

General data - Features

Indicator lamp	Yes
Reset by pull ring	Yes
Number of auxiliary contacts	3
Number of safety contacts	3

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
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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
Electrical power consumption	5 W
Switching element	NO contact, NC contact
Switching principle	Slow action

Status indication

Colour of the indicator lamp	Yellow
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Note

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