



EX-T3Z 068-33YR-1637

- Metal enclosure
- two-side operation / wire up to 2 x 50 m long
- Robust design
- Low actuating force
- Pull-ring reset
- wire pull and breakage detection
- Ex-Zone 21 and 22

Data

Ordering data

Product type description	EX-T3Z 068-33YR-1637
Article number (order number)	101218074
EAN (European Article Number)	4030661415215
eCl@ss number, version 12.0	27-37-12-01
eCl@ss number, version 11.0	27-37-12-01
eCl@ss number, version 9.0	27-37-12-01
ETIM number, version 7.0	EC002033
ETIM number, version 6.0	EC002033

Approvals - Standards

Certificates	TÜV INMETRO CCC CCC EX
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Explosion protection

Explosion protection: regulations	EN IEC 60079-0 EN 60079-31
Explosion protection zones	21
Explosion protection category	2D
Explosion protection designation	⊕ II 2D Ex tb IIIC T90°C Db

General data

Standards	ABNT NBR IEC 60947-5-1 ABNT NBR IEC 60947-5-5 EN ISO 13850 EN IEC 60947-5-1 EN IEC 60947-5-5
Housing material	Grey cast iron, painted
Material of the housing cover	Grey cast iron, painted
Length of the wire, maximum	50 m
Gross weight	4,500 g

General data - Features

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
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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

Ambient conditions

Degree of protection	IP65 IP66
Ambient temperature	-20 ... +60 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
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	Snap action

Material of the contacts, electrical

Silver

Note

Note (General)

At 3 m distance intermediate wire supports are required, see accessories

Ordering code

Product type description:

EX-T3Z 068 -(1)YR

(1)

11	1 NO contacts/1 NC contact
22	2 NO contacts/2 NC contact
33	3 NO contacts/3 NC contacts

(2)

1637	Gold-plated contacts
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Pictures

Product picture (catalogue individual photo)



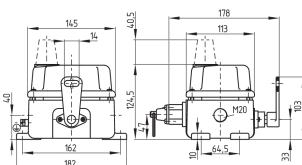
ID: kext3f01

| 805.5 kB | .jpg | 352.778 x 480.131 mm - 1000 x 1361 px - 72 dpi

| 57.4 kB | .png | 73.731 x 100.542 mm - 209 x 285 px - 72 dpi

| 58.7 kB | .jpg | 90.664 x 123.472 mm - 257 x 350 px - 72 dpi

Dimensional drawing basic component



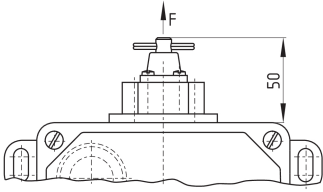
ID: 1t3z0g04

| 47.5 kB | .cdr |

| 10.1 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi

| 120.6 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Dimensional drawing miscellaneous



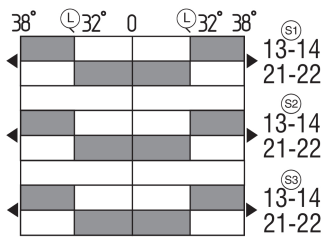
ID: kt3z0g02

| 31.2 kB | .cdr |

| 3.3 kB | .png | 74.083 x 43.744 mm - 210 x 124 px - 72 dpi

| 93.5 kB | .jpg | 352.778 x 208.844 mm - 1000 x 592 px - 72 dpi

Switch travel diagram



ID: kt3z0s01

| 2.9 kB | .png | 74.083 x 53.622 mm - 210 x 152 px - 72 dpi

| 124.4 kB | .jpg | 352.778 x 255.764 mm - 1000 x 725 px - 72 dpi

| 73.7 kB | .ai | 210 x 297 mm - 595 x 841 px - 72 dpi

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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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