



EX-T3Z 068-33YR-1637

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

Data

Ordering data

	EX-T3Z 068-33YR-1637
	101218074
EAN (European Article Number)	4030661415215
eCl@ss number, Version 9.0	27-37-12-01

Approval - Standards

IMMETRO

Explosion protection

EN 60079-31
IEC 60079-0
ABNT NBR IEC 60079-0
ABNT NBR IEC 60079-31
21
2D
Ⓔ II 2D Ex tb IIIC T90°C Db

General data

EX-T3Z 068
EN 60947-5-1
EN ISO 13850
EN 60947-5-5
ABNT NBR IEC 60947-5-1
ABNT NBR IEC 60947-5-5

Enclosure material	Grey cast iron, painted
Material of the contacts, electrical	Silver
Material of the 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 appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d 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

Terminal Connector	Screw connection
	0.75 mm ²
	1.5 mm ²

Ambient conditions

	ABNT NBR IEC 60529
Protection class	IP 65 to IEC/EN 60529
	IP 66 to IEC/EN 60529
Ambient temperature, minimum	-20 °C
Ambient temperature, maximum	+60 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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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 switch element

Notes

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

Pictures

Photo/Product/Catalogue

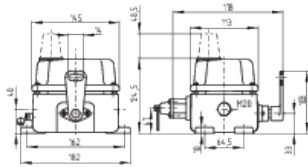


ID: kext3f01

| 805,5 kB | .jpg | 352.778 x 480.131 mm - 1000 x 1361 Pixel - 72 dpi

| 57,4 kB | .png | 73.731 x 100.542 mm - 209 x 285 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t3z0g04

| 10,1 kB | .png | 74.083 x 51.858 mm - 210 x 147

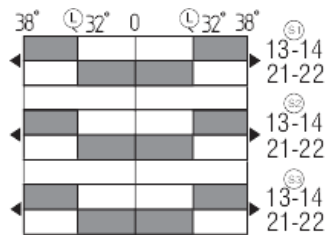
Pixel - 72 dpi

| 120,6 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

| 47,5 kB | .cdr |

Diagramm/Product/Travel



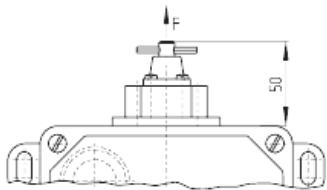
ID: kt3z0s01

| 124,4 kB | .jpg | 352.778 x 255.764 mm - 1000 x 725

Pixel - 72 dpi

| 2,9 kB | .png | 74.083 x 53.622 mm - 210 x 152 Pixel
- 72 dpi

Dimension/Other



ID: kt3z0g02

| 3,3 kB | .png | 74.083 x 43.744 mm - 210 x 124 Pixel
- 72 dpi

| 31,2 kB | .cdr |

| 93,5 kB | .jpg | 352.778 x 208.844 mm - 1000 x 592
Pixel - 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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