



EX-T3Z068-22YR-1637

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

Data

Ordering data

	EX-T3Z 068-22YR
	101209850
EAN (European Article Number)	4030661386430
eCl@ss number, Version 9.0	27-37-12-01

Approval - Standards

Certificates	CCC EX
--------------	--------

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	4,650 g

General data - Features

Reset by pull ring	Yes
Number of auxiliary contacts	2
Number of safety contacts	2

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d 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

Terminal Connector	Screw connection 0.75 mm ² 1.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

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

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

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



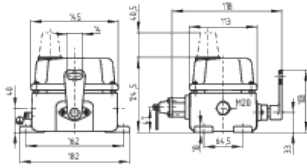
ID: kext3f01

| 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

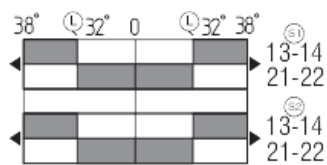
Pixel - 72 dpi

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

Pixel - 72 dpi

| 47,5 kB | .cdr |

Diagramm/Product/Travel



ID: kt3z0s03

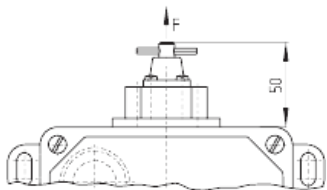
| 89,4 kB | .jpg | 352.778 x 171.097 mm - 1000 x 485

Pixel - 72 dpi

| 2,6 kB | .png | 74.083 x 35.983 mm - 210 x 102 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

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-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 182021-01-31T17:54:18+01:000501Europe/BerlinSun, 31 Jan 2021 17:54:18

+010018pmSunday.31pm31Europe/BerlinCET5401Europe/BerlinJanuary2021Sun, 31 Jan 2021 17:54:18

+010001pm31