



T3Z 068-11YR-2909

- Robust design
- Metal enclosure
- Low actuating force
- up –40 Ambient temperature
- Outside parts in stainless steel
- two-side operation / wire up to 2 x 50 m long
- Includes the preparation for the connection of a DuplineSafe[®] module

Data

Ordering data

	T3Z 068-11YR-2909
	103012038
EAN (European Article Number)	4030661481562
eCl@ss number, Version 9.0	27-37-12-01

Approval - Standards

cULus
CCC
EAC

General data

	T3Z 068
	IEC 60947-5-1
	IEC 60947-5-5
	ISO 13850
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	4,418 g

General data - Features

Reset by pull ring	Yes
--------------------	-----

Number of auxiliary contacts	1
Number of safety contacts	1

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
Cable section, minimum	0.2 mm², rigid 0.25 mm², flexible
Cable section, maximum	2.5 mm², flexible 4 mm², rigid

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-40 °C
Ambient temperature, maximum	+70 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	0.8 kV
---------------------------------	--------

Electrical data

Operating Current	1 mA
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	Creep circuit element

Notes

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

Ordering code

Product type description:

T3Z 068-(1)YR(2)(3)

(1)

11 1 NO contacts/1 NC contact

22 2 NO contacts/2 NC contact

33 3 NO contacts / 3 NC contacts (not combinable in combination with -2909)

(2)

without Reset by pull ring

S Key reset (not combinable in combination with -2909)

(3)

without without indicator lamp

G with indicator lamp (not combinable in combination with -2909)

2909 Outside parts in stainless steel

Pictures

Photo/Product/Catalogue

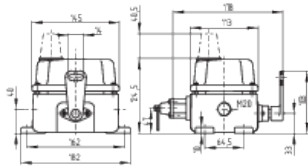


ID: kt3z0f02

| 786,3 kB | .jpg | 352.778 x 480.131 mm - 1000 x 1361 Pixel - 72 dpi

| 56,3 kB | .png | 73.731 x 100.542 mm - 209 x 285 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t3z0g01

| 118,6 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi

| 9,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

| 43,4 kB | .cdr |

Diagramm/Product/Travel

ID: kt3z0s02

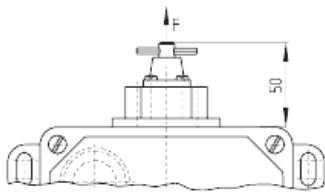


| 21,3 kB | .cdr |

| 1,8 kB | .png | 74.083 x 18.344 mm - 210 x 52 Pixel - 72 dpi

| 53,5 kB | .jpg | 352.778 x 87.842 mm - 1000 x 249 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 212021-01-31T07:14:21+01:000701Europe/BerlinSun, 31 Jan 2021 07:14:21

+010021amSunday.31am31Europe/BerlinCET1401Europe/BerlinJanuary2021Sun, 31 Jan 2021 07:14:21

+010001am31