DATASHEET



EX-RDTGN

- Ex-Zone 1 and 21
- Push button

Data

Ordering data

Product type description	EX-RDTGN
Article number (order number)	101197339
EAN (European Article Number)	4030661599830
eCl@ss number, version 9.0	27-37-12-10
eCl@ss number, version 11.0	27-37-12-10
eCl@ss number, version 12.0	27-37-12-10
ETIM number, version 7.0	EC000221
ETIM number, version 6.0	EC000221

Approvals - Standards

Certificates	TÜV TÜV EX

Explosion protection

Explosion protection: regulations	EN IEC 60079-0 EN IEC 60079-11 EN IEC 60079-31 EN IEC 60079-14

Explosion protection zones	22 2 1 21
Explosion protection category	2D 2G
Explosion protection designation	II 2G Ex ib IIC Gb II 2D Ex ib IIIC Db

General data

Standards	EN IEC 60947-5-1 EN IEC 60947-5-5 EN ISO 13849-1
Design	Round
Material of the identification label	Stainless steel (V4A)
Material of the front ring	Aluminium
Colour of the operating element	Green
Gross weight	80 g

Safety classification

Mission time	20 Year(s)

Safety classification - Safety outputs

B_{10D} Normally-closed contact (NC)	100,000 Operations

Mechanical data

Actuating stroke	4 mm

Mechanical data - Dimensions

Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22,3 + 0,4 mm
Thickness of the front panel, maximum	6 mm

Ambient conditions	
Ambient temperature, maximum	+55 °C

Ordering code

Product type description:
EX-R(1)

(1)

DT(2)-(7)	Pushbutton, Ø 28 mm, buttons in MS, coated
DM(2)-(7)	Pushbutton with diaphragm, Ø 28 mm, buttons in MS, coated
DL(3)-(7)	Illuminated pushbutton, Ø 28 mm, swivel in impact-resistant plastic
DLM(3)-(7)	Illuminated pushbutton with diaphragm, Ø 28 mm, swivel in impact-resistant plastic
MLH(3)-(7)	Indicator lights for LED´s, protruding swivel in impact-resistant plastic
DP40(2)-(7)	Mushroom head impact button without latching, button Ø 37 mm in MS, coated
DRZ45(2)(3)(5)	Mushroom head impact button with latching, device head in MS, coated, pull to unlock
WT21	Spring-return rotary selector switch with 2 positions
WT21.1	Spring-return rotary selector switch with 2 positions, long gag
WS21	Selector switch with 2 latched positions
WS21.1	Selector switch with 2 latched positions, long gag
WT32	Spring-return rotary selector switch with 3 positions
WT32.1	Spring-return rotary selector switch with 3 positions, long gag
WST32	Spring-return rotary selector switch, 3 positions; right: latching, left: switching
WST32.1	Spring-return rotary selector switch, 3 positions; right: latching, left: switching; long gag
WS32	Selector switch with 3 latched positions
WS32.1	Selector switch with 3 latched positions, long gag
WTS32	Maintained spring-return rotary selector switch, 3 positions, right: switching, left: latching
WTS32.1	Maintained spring-return rotary selector switch, 3 positions, right: switching, left: latching; long gag
SS21S2	Key-operated selector switch with 2 latched positions, key withdrawal left only
SS21S12	Key-operated selector switch with 2 latched positions, key withdrawal right only
SS21S12	Key-operated selector switch with 2 latched positions, key withdrawal in both positions
SS32S2	Key-operated selector switch with 3 latched positions,

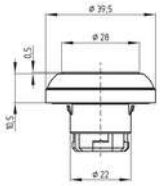
Pictures

Product picture (catalogue individual photo)



ID: krdt-f06
| 528.2 kB | .jpg | 352.425 x 367.594 mm - 999 x 1042 px - 72 dpi
| 39.0 kB | .png | 73.731 x 76.906 mm - 209 x 218 px - 72 dpi

Dimensional drawing basic component



ID: 1rdt-g01
| 23.2 kB | .cdr |
| 2.5 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 46.6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 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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