

- **Ex-Zone 1 and 21**
- **Illuminated pushbutton**

Data

Ordering data	
	EX-RDLMGB 101197353
Approval - Standards	
	TÜV IECEx
Explosion protection	
	EN 60079-0 EN 60079-11 EN 60079-31 EN 60079-14 22 2 1 21 2D 2G Ex II 2G Ex ib IIC Gb Ex II 2D Ex ib IIIC Db
General data	
	IEC 60947-5-1 ISO 13849-1 EN 60947-5-1 IEC 60947-5-5
Design	Round

Material of the identification label	Stainless steel (V4A)
Material of the front ring	Aluminium
Gross weight	59 g
Safety appraisal	
Mission Time	20 Year(s)
Safety appraisal - Safety outputs	
B10d 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, Key withdrawal left only
SS32S2	Key-operated selector switch with 3 latched positions, Key withdrawal in the middle
SS32S3	Key-operated selector switch with 3 latched positions, Key withdrawal right
SS32S123	Key-operated selector switch with 3 latched positions, key withdrawal in all three positions
ST21S1	Key-operated spring-return selector switch with 1 touch position, automatic return to the zero position, latch position 55°, Key withdrawal left only
ST32S2	Key-operated spring-return selector switch with 2 touch positions left and right, automatic return to the zero position, Key withdrawal only in the middle
SST32S1	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal left only
SST32S2	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal only in the middle
STS32S2	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal only in the middle
STS32S3	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal right only
F 03	Contact element with screw connection, 1 NO contact, Contact Label 3, 4
F 10	Contact element with screw connection, 1 NC contact, Contact Label 1, 2
LDE WS 24	White luminous element with integrated LED for illuminated pushbutton RDL / RDLM and indicator light RMLH
B	**Blanking plug**

(2)

SW Black

(3)

GB yellow

(4)

RT red

GN green

WS withe

BL blue

Pictures

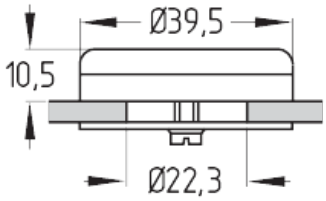
Photo/Product/Catalogue



ID: krdlmf07

| 39,8 kB | .png | 73.731 x 76.906 mm - 209 x 218 Pixel - 72 dpi
| 449,3 kB | .jpg | 352.425 x 367.594 mm - 999 x 1042 Pixel - 72 dpi

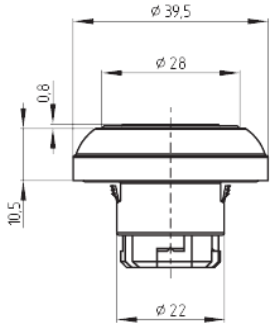
Dimension/Product/Basic



ID: kexrdg01

| 2,4 kB | .png | 74.083 x 45.156 mm - 210 x 128 Pixel - 72 dpi
| 83,3 kB | .jpg | 352.778 x 215.9 mm - 1000 x 612 Pixel - 72 dpi
| 18,5 kB | .cdr |

Dimension/Product/Basic



ID: 1rdl-g01

| 3,7 kB | .png | 74.083 x 89.606 mm - 210 x 254 Pixel - 72 dpi
| 114,0 kB | .jpg | 352.778 x 426.861 mm - 1000 x 1210 Pixel - 72 dpi
| 23,3 kB | .cdr |

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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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