



EX-RDLMWS

- Illuminated pushbutton
- Ex-Zone 1 and 21

Data

Ordering data

| | |
|-------------------------------|---------------|
| Product type description | EX-RDLMWS |
| Article number (order number) | 101197356 |
| EAN (European Article Number) | 4030661599717 |
| eCl@ss number, version 12.0 | 27-37-12-11 |
| eCl@ss number, version 11.0 | 27-37-12-11 |
| eCl@ss number, version 9.0 | 27-37-12-11 |
| ETIM number, version 7.0 | EC000223 |
| ETIM number, version 6.0 | EC000223 |

Approvals - Standards

| | |
|--------------|---------------|
| Certificates | TÜV IEC Ex |
|--------------|---------------|

Explosion protection

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

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

General data

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|--------------------------------------|--------------------------------------------------------|
| Standards | EN ISO 13849-1 EN IEC 60947-5-1 EN 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 classification

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|--------------|------------|
| Mission time | 20 Year(s) |
|--------------|------------|

Safety classification - Safety outputs

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|-----------------------------------------------|--------------------|
| B _{10D} Normally-closed contact (NC) | 100,000 Operations |
|-----------------------------------------------|--------------------|

Mechanical data

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|------------------|------|
| Actuating stroke | 4 mm |
|------------------|------|

Mechanical data - Dimensions

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|---------------------------------------|---------|
| Mounting diameter | 22.3 mm |
| Thickness of the front panel, maximum | 6 mm |

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 3 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 |
| (5) | | |
| GN | | Green |
| (6) | | |
| WS | | White |
| (7) | | |
| BL | | Blue |

Pictures

Product picture (catalogue individual photo)



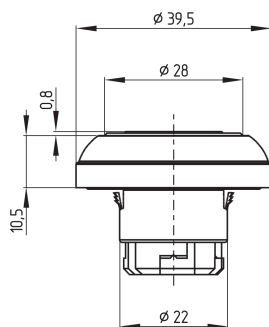
ID: krdlmf10

| 449.6 kB | .jpg | 352.425 x 367.594 mm - 999 x 1042 px - 72 dpi

| 39.5 kB | .png | 73.731 x 76.906 mm - 209 x 218 px - 72 dpi

| 59.5 kB | .jpg | 118.533 x 123.472 mm - 336 x 350 px - 72 dpi

Dimensional drawing basic component



ID: 1rdl-g01

| 23.3 kB | .cdr |

| 3.7 kB | .png | 74.083 x 89.606 mm - 210 x 254 px - 72 dpi

| 114.0 kB | .jpg | 352.778 x 426.861 mm - 1000 x 1210 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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