



## EX-RMLHGB

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

## Data

### Ordering data

Product type description	EX-RMLHGB
Article number (order number)	101197358
EAN (European Article Number)	4030661599694
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
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### Explosion protection

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

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	60 g

## Safety classification

Mission time	20 Year(s)
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## Safety classification - Safety outputs

B <sub>10D</sub> Normally-closed contact (NC)	100,000 Operations
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## Mechanical data

Actuating stroke	4 mm
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## Mechanical data - Dimensions

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

## Ordering code

Product type description:

EX-R(1)

(1)

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

<b>SS21S12</b>	Key-operated selector switch with 2 latched positions, key withdrawal in both positions
<b>SS32S2</b>	Key-operated selector switch with 3 latched positions, key withdrawal left only
<b>SS32S2</b>	Key-operated selector switch with 3 latched positions, key withdrawal in the middle
<b>SS32S3</b>	Key-operated selector switch with 3 latched positions, key withdrawal right
<b>SS32S123</b>	Key-operated selector switch with 3 latched positions, key withdrawal in all 3 positions
<b>ST21S1</b>	Key-operated spring-return selector switch with 1 touch position, automatic return to the zero position, latch position 55°, key withdrawal left only
<b>ST32S2</b>	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
<b>SST32S1</b>	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal left only
<b>SST32S2</b>	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal only in the middle
<b>STS32S2</b>	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal only in the middle
<b>STS32S3</b>	Key-operated selector switch pushbutton with 3 positions, touch position 35°, latch position 55°, left switching, right latching, key withdrawal right only
<b>F 03</b>	Contact element with screw connection, 1 NO contact, Contact Label 3, 4
<b>F 10</b>	Contact element with screw connection, 1 NC contact, Contact Label 1, 2
<b>LDE WS 24</b>	White luminous element with integrated LED for illuminated pushbutton RDL / RDLM and indicator light RMLH
<b>B</b>	<b>Blanking plug</b>
(2)	
<b>SW</b>	Black

(3)	
<b>GB</b>	Yellow
(4)	
<b>RT</b>	Red
(5)	
<b>GN</b>	Green
(6)	
<b>WS</b>	White
(7)	
<b>BL</b>	Blue

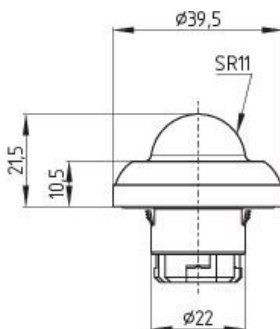
## Pictures

### Product picture (catalogue individual photo)



ID: krmlhf09  
 | 606.8 kB | .jpg | 352.425 x 367.594 mm - 999 x 1042 px - 72 dpi  
 | 44.4 kB | .png | 73.731 x 76.906 mm - 209 x 218 px - 72 dpi  
 | 75.2 kB | .jpg | 118.533 x 123.472 mm - 336 x 350 px - 72 dpi

### Dimensional drawing basic component



ID: krml-g01  
 | 17.6 kB | .png | 64.558 x 74.436 mm - 183 x 211 px - 72 dpi  
 | 17.5 kB | .png | 15.494 x 17.865 mm - 183 x 211 px - 300 dpi  
 | 6.0 kB | .jpg | 64.558 x 74.436 mm - 183 x 211 px - 72 dpi  
 | 10.9 kB | .jpg | 64.558 x 74.436 mm - 183 x 211 px - 72 dpi  
 | 3.1 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 px - 72 dpi  
 | 14.0 kB | .jpg | 64.558 x 74.436 mm - 183 x 211 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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