DATASHEET



EX-RWS21.1

- Selector switch
- Ex-Zone 1 and 21

Data

Ordering data

Product type description	EX-RWS21.1
Article number (order number)	101197376
EAN (European Article Number)	4030661599625
eCl@ss number, version 12.0	27-37-12-13
eCl@ss number, version 11.0	27-37-12-13
eCl@ss number, version 9.0	27-37-12-13
ETIM number, version 7.0	EC000222
ETIM number, version 6.0	EC000222

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

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	75 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

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

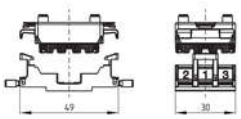
Pictures

Product picture (catalogue individual photo)



ID: krws-f01
| 475.1 kB | .jpg | 352.778 x 341.489 mm - 1000 x 968 px - 72 dpi
| 35.9 kB | .png | 74.083 x 71.614 mm - 210 x 203 px - 72 dpi
| 53.2 kB | .jpg | 123.472 x 119.592 mm - 350 x 339 px - 72 dpi

Dimensional drawing basic component



ID: 1rlm-g01
| 109.2 kB | .ai | 210.002 x 297 mm - 595 x 841 px - 72 dpi
| 8.2 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 71.6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi