



RDMWS

- Push button with membrane
- Symbols still clearly visible under transparent membrane

Data

Ordering data

	RDMWS
	101188261
eCl@ss number, Version 9.0	27-37-12-10

General data

Product name	RD - Pushbutton with membrane
	EN 60947-5-1
	IEC/EN 60947-1
Versions	Embeddable button - Front plate mounting
Design	Round
	Membrane
Sealing type	Lip gaskets
	Form seals
Material of the operators	Aluminium
Material of the front ring	Aluminium
Colour of the operating element	White
Colour of the front ring	Silver
Gross weight	40 g

General data - Features

Membrane	Yes
Mounting flange	Yes
Probing possible	Yes
Fully insulated	Yes

Mechanical data

Unlocking	without
Mounting	mounting flange RLM
Mechanical life, minimum	10,000,000 Operations
Actuating stroke	4 mm
Actuating force, approx.	2 N
Tightening torque of the screw	2 Nm

Mechanical data - Dimensions

Height	12 mm
Diameter total	39.5 mm
Height of touch surface	1.5 mm
Diameter of touch surface	28 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1 mm
Thickness of the front panel, maximum	6 mm
Spacing	40 x 60 mm

Ambient conditions

	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+75 °C
	50 g

Electrical data

Switching frequency	1,200 /h
---------------------	----------

Notes

Note (General)	The membrane protects the button against grinding dust or other pasty, viscous substances.
----------------	--

Ordering code

Product type description:

-

(1)DT(8)(2)

Pushbutton

(1)DM(2)

Pushbutton with diaphragm for dust protection

(1)DL(8)(2)	Illuminated pushbutton
(1)DLM(2)	Illuminated pushbutton with diaphragm for dust protection
(1)ML(2)	Indicator light with flat collar
(1)MLH(2)	Indicator light with high collar
(1)DP(3)(8)(2)	Mushroom head impact button without latching
(1)DTP(3)(8)(2)	Mushroom head impact button without latching (only N-programm)
(1)DLP(3)(8)(2)	Mushroom head impact button illuminated, without latching (only N programme)
(1)DRR(3)(8)(2)	Mushroom head impact button with latching, unlock by turning and pulling (pulling only in N programme)
(1)DRZ(3)(8)(2)	Mushroom head impact button with latching, unlock by pulling
(1)WS21(4)(5)	Selector switch with 2 positions:
(1)WT21(4)(5)	Selector switch with 1 momentary position
(1)WS32(4)(5)	Selector switch with 3 maintained positions
(1)WT32(4)(5)	Wahlschalter mit 2 Taststellungen
(1)WST32(4)(5)	Selector switch: switching, latching
(1)WTS32(4)(5)	Selector switch: latching, switching
(1)SS21S(4)(5)	Key-operated selector switch with 2 maintained positions
(1)ST21S(4)(5)	Key-operated selector switch with 1 momentary position
(1)SS32S(4)(5)	Key-operated selector switch with 3 maintained positions
(1)ST32S(4)(5)	Key-operated selector switch with 2 momentary positions, left and right
(1)SST32S(4)(5)	Key-operated selector switch: switching, latching
(1)STS32S(4)(5)	Key-operated selector switch: latching, switching
NB, MBN, BN	Blanking plug

(1)

- Command and signalling devices:

E "E" program

N "N" program

R "R" program

(2)

- Colour of button surface:

SW Black

GB Grey

(3)

- Head diameter of mushroom head impact button 30 mm:

30 30 mm

35 35 mm

40 40 mm

42 42 mm

45 45 mm

50 50 mm

55 55 mm

70 70 mm

(4)

- **Toggle length in mm:**

without Short toggle

.1 Long toggle

(5)

- **Colour of toggle:**

without Grey

(6)

- **Key-withdrawal position (3 positions):**

1 Position left

2 Position middle

3 Position right

(7)

- **Key-withdrawal position (2 positions):**

1 Position left

2 Position right

(8)

- **Colour of diaphragm (only N programme):**

without Black

Pictures

Photo/Product/Catalogue



ID: krdm-f05

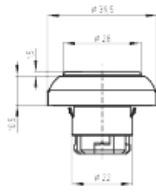
| 486,2 kB | .jpg | 352.425 x 367.594 mm - 999 x 1042

Pixel - 72 dpi

| 39,2 kB | .png | 73.731 x 76.906 mm - 209 x 218

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1rdt-g02

| 25,5 kB | .cdr |

| 47,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

| 2,5 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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.

Generated on 552021-01-31T13:42:55+01:000101Europe/BerlinSun, 31 Jan 2021 13:42:55

+010055pmSunday.31pm31Europe/BerlinCET4201Europe/BerlinJanuary2021Sun, 31 Jan 2021 13:42:55

+010001pm31