



RDLMRT

- Illuminated pushbutton with membrane
- Symbols still clearly visible under transparent membrane

Data

Ordering data

Product type description	RDLMRT
Article number (order number)	101188170
EAN (European Article Number)	4030661456317
eCl@ss number, version 9.0	27-37-12-11
eCl@ss number, version 11.0	27-37-12-11
eCl@ss number, version 12.0	27-37-12-11
ETIM number, version 7.0	EC000223
ETIM number, version 6.0	EC000223

General data

Standards	EN IEC 60947-1 EN IEC 62061 EN IEC 60947-5-1 EN IEC 60947-5-3 EN IEC 60947-5-5 EN IEC 60204-1
Versions	Flush-mounted illuminated pushbutton - Front plate mounting
Design	Round
Installation conditions (mechanical)	arbitrarily

Sealing type	Membrane Lip gaskets Form seals
Material of the operators	Glass
Material of the front ring	Aluminium
Colour of the operating element	Red
Colour of the front ring	Silver
Gross weight	45 g

General data - Features

Membrane	Yes
Illuminable	Yes
Mounting flange	Yes
Probing possible	Yes
Fully insulated	Yes
Integral system diagnostics, general	No

Mechanical data

Unlocking	without
Mechanical life, minimum	1,000,000 Operations
Actuating stroke	4 mm
Actuating force, approx.	1.5 N
Mounting	Mounting flange ELM
Tightening torque of the screw	0.6 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 of the front ring	39.5 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 50 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+75 °C
Resistance to shock	50 g

Electrical data

Switching frequency	1,200 /h
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Note

Note (General)	The membrane protects the button against grinding dust or other pasty, viscous substances.
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K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 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.

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