



RDMWS

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

Data

Ordering data

eCl@ss number, Version 9.0	27-37-12-10
eCl@ss number, Version 11.0	27-37-12-10
ETIM number, version 6.0	EC000221

General data

Standards	EN 60947-5-1 IEC/EN 60947-1
Versions	Embeddable button - Front plate mounting
Design	Round
Installation conditions (mechanical)	arbitrarily
Sealing type	Membrane 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
Mechanical life, minimum	1,000,000 Operations
Actuating stroke	4 mm
Actuating force, approx.	2 N
Mounting	Mounting flange EFM
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
---------------------	----------

Notes

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

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 9:30 AM