Datasheet - EDMGN

Command and signalling devices / Push buttons and pilot lights - "E" Program / ED - Push button

SCHMERSAL

• with membrane
• Symbols still clearly visible under transparent membrane

(Minor differences between the printed image and the original product may exist!)

Ordering details

Product type description	EDMGN
Article number	101006271
EAN Code	
eCl@ss	27-37-12-12

Approval

Approval	c(UL)us

Global Properties

Permanent light	ED - Push button
Standards	IEC/EN 60947-1, EN 60947-5-1
Compliance with the Directives (Y/N)	No
Suitable for safety functions (Y/N)	No
Mounting	mounting flange
Mounting position	arbitrarily
Materials	
- Material of the operators	Aluminium
- Material of the front ring	Aluminium
Design	Embeddable button - Front plate mounting
Form	Round

Color		
- Colour of the operating element	🟩 green	
- Colour of the front ring	⬜ Silver	
Weight	35	
Can be illuminated (Y/N)	No	
With membrane (Y/N)	Yes	
inflated edge (Y/N)	No	

Mechanical data

Mechanical life	10.000.000 operations
Switching frequency	1000
Actuating force	2
Actuating stroke	4
Latching (Y/N)	No
Unlocking type	without
Probing possible (Y/N)	Yes
notice	Unlocking by rotating the knurled button clockwise
mounting flange available (Y/N)	Yes
Front plate thickness	
- min. front plate thickness	1
- max. front plate thickness	6
Tightening torque for fixing screws	0,6

Ambient conditions

Ambient temperature	
- Min. environmental temperature	−25
- Max. environmental temperature	+80
Storage and transport temperature	
- Min. Storage and transport temperature	−
- Max. Storage and transport temperature	−
Fully insulated (Y/N)	Yes
Sealing type	membrane, lip seal, Form seals
Protection type IP	IP65

LED switching conditions display

With integrated LED (Y/N)	No

Dimensions

Dimensions	
- Height	14
- Diameter total	29.5
- Diameter of the front ring	Ø 29.5
- Diameter of touch surface	23
Hole, diameter	22.3 + 0,4
Mounting hole	22
Spacing	40 x 50

notice

notice	The membrane protects the button against grinding dust or other pasty,

viscous substances.

Images

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The data and values have been checked throroughly. Technical modifications and errors excepted.
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