Datasheet - NDLGN

Command and signalling devices / Push buttons and pilot lights - "N" Program / NDL - Illuminated pushbutton

SCHMERSAL

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

Ordering details

Product type description	NDLGN
Article number	101163547
EAN code	4250116200481

Approval

Approval	cULus USA/CAN
	BG BG

Global Properties

Product name	NDL - Illuminated pushbutton
Standards	IEC/EN 60947-1, EN 60947-5-1
Compliance with the Directives (Y/N) $C \epsilon$	No
Suitable for safety functions (Y/N)	No
Mounting	mounting flange ELM
Materials	
- Material of the operators	ABS
- Material of the front ring	ABS, Chromium-plated
Design	Embeddable button - Front plate mounting
Form	Round
Color	
- Colour of the operating element	■ green

- Colour of the bellows	☐ White
- Colour of the front ring	▢ Silver
Weight	30 g
Manner of using	
Can be illuminated (Y/N)	Yes

Mechanical data

Actuating stroke	5 mm
Latching (Y/N)	No
Unlocking type	without
Probing possible (Y/N)	Yes
mounting flange available (Y/N)	Yes
Front plate thickness	
- min. front plate thickness	1.5 mm
- max. front plate thickness	6 mm
Tightening torque for fixing screws	0,6 Nm

Ambient conditions

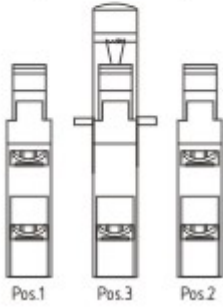|	
Ambient temperature	
- Min. environmental temperature	−25 °C
- Max. environmental temperature	+80 °C
Storage and transport temperature	
- Min. Storage and transport temperature	−
- Max. Storage and transport temperature	−
Fully insulated (Y/N)	Yes
Sealing type	membrane, lip seal
Protection type IP	IP67, IP69K

LED switching conditions display

With integrated LED (Y/N)	No

Dimensions

Dimensions	
- Height	28 mm
- Diameter total Ø	44.5 mm
Diameter of the front ring	44.5 mm
Diameter of touch surface	27 mm
Hole, diameter	22.3 mm x 0,4 mm
Spacing	50 x 50 mm

Images

Application

System components

Accessories

101014387 - ELM

101174645 - NSK-GR

• for pushbuttons and illuminated pushbuttons

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contact element

101022273 - EFK03.2

• Cage clamps
• Mounting flange position 2
• 23-24 (Contact labelling)
• Suitable for EMERGENCY-OFF

101022272 - EFK03.1

• Cage clamps
• Mounting flange position 1
• 13-14 (Contact labelling)
• Suitable for EMERGENCY-OFF

101026058 - EFK30.2

• Cage clamps
• Mounting flange position 2