

Datasheet - NDLGR/GN

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



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



Ordering details

Product type description	NDLGR/GN
Article number	101163554
EAN Code	
eCl@ss	27-37-12-11

Approval

Approval	USA/CAN BG
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Global Properties

Permanent light	NDL - Illuminated pushbutton
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 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	■ Black
- Colour of the front ring	■ Silver
Weight	30
Manner of using	
Can be illuminated (Y/N)	Yes

Mechanical data

Actuating stroke	5
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
- 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
Protection type IP	IP67, IP69K

LED switching conditions display

With integrated LED (Y/N)	No
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Dimensions

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

Documents

Operating instructions and Declaration of conformity (it) 1 MB, 13.06.2019

Code: mrl_programme-e-n-r_it

Operating instructions and Declaration of conformity (en) 1 MB, 06.11.2018

Code: mrl_programme-e-n-r_en

Operating instructions and Declaration of conformity (pl) 1 MB, 13.06.2019

Code: mrl_programme-e-n-r_pl

Operating instructions and Declaration of conformity (jp) 2 MB, 28.06.2017

Code: mrl_programme-e-n-r_jp

Operating instructions and Declaration of conformity (pt) 1 MB, 21.12.2018

Code: mrl_programme-e-n-r_pt

Operating instructions and Declaration of conformity (de) 1 MB, 06.11.2018

Code: mrl_programme-e-n-r_de

Operating instructions and Declaration of conformity (es) 1 MB, 05.12.2018

Code: mrl_programme-e-n-r_es

Operating instructions and Declaration of conformity (nl) 1 MB, 05.12.2018

Code: mrl_programme-e-n-r_nl

Operating instructions and Declaration of conformity (fr) 1 MB, 05.12.2018

Code: mrl_programme-e-n-r_fr

Operating instructions and Declaration of conformity (cn) 2 MB, 21.06.2017

Code: mrl_programme-e-n-r_cn

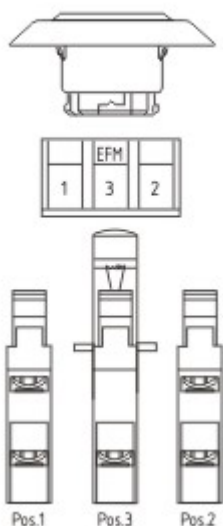
IPA Data (en) 248 kB, 09.11.2012

Code: i_ipap02

IPA Data (de) 255 kB, 05.09.2014

Code: i_ipap01

Images



Application

System components

Accessories

101014387 - ELM



101174645 - NSK-GR

- for pushbuttons and illuminated pushbuttons

contact element



101026058 - EFK30.2

- Cage clamps
- Mounting flange position 2
- 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF



101026057 - EFK30.1

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022276 - EFK10.2

- Cage clamps
- Mounting flange position 2
- 21-22 (Contact labelling)



101022275 - EFK10.1

- Cage clamps
- Mounting flange position 1
- 11-12 (Contact labelling)



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



101006585 - EF303S.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101006584 - EF303S.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101022138 - EF303.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



101022137 - EF303.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



101006551 - EF301.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101006550 - EF301.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101024262 - EF220.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)
- Suitable for EMERGENCY-OFF



101023927 - EF220.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF



101183081 - EF140.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



101183080 - EF140.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)



101006542 - EF110.2

- Screw connection
- Mounting flange position 2
- 31-32; 41-42 (Contact labelling)



101006541 - EF110.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)



101006548 - EF103.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101018110 - EF103.1G

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)

101006547 - EF103.1

- Screw connection
 - Mounting flange position 1
 - 11-12; 23-24 (Contact labelling)
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101176094 - EF102.2

- Screw connection
- Mounting flange position 2
- 31-32; 43-44 (Contact labelling)



101176083 - EF102.1

- Screw connection
- Mounting flange position 1
- 11-12; 23-24 (Contact labelling)



101006536 - EF10.2

- Screw connection
- Mounting flange position 2
- 21-22 (Contact labelling)



101006535 - EF10.1

- Screw connection
- Mounting flange position 1
- 11-12 (Contact labelling)



101006545 - EF033.2

- Screw connection
- Mounting flange position 2
- 33-34; 43-44 (Contact labelling)
- Suitable for EMERGENCY-OFF



101006544 - EF033.1

- Screw connection
- Mounting flange position 1
- 13-14; 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



101006539 - EF03.2

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)



101006538 - EF03.1

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)



101028453 - EF02.2

- Screw connection
- Mounting flange position 2
- 23-24 (Contact labelling)
- Suitable for EMERGENCY-OFF



101028452 - EF02.1

- Screw connection
- Mounting flange position 1
- 13-14 (Contact labelling)
- Suitable for EMERGENCY-OFF

Light terminal block



101167385 - ELDEKWS24

- Cage clamps
- Mounting flange position 3
- white LED
- 24 VAC/DC



101167383 - ELDEKGN24

- Cage clamps
- Mounting flange position 3
- green LED
- 24 VAC/DC



101167525 - ELDE.NWS48

- Screw connection
- Mounting flange position 3
- white LED
- 48 VAC



101166000 - ELDE.NWS24

- Screw connection
- Mounting flange position 3
- white LED
- 24 VAC/DC

101166026 - ELDE.NWS230

- Screw connection
- Mounting flange position 3
- white LED



- 230 VAC



101167523 - ELDE.NGN48

- Screw connection
- Mounting flange position 3
- green LED
- 48 VAC



101165997 - ELDE.NGN24

- Screw connection
- Mounting flange position 3
- green LED
- 24 VAC/DC



101166023 - ELDE.NGN230

- Screw connection
- Mounting flange position 3
- green LED
- 230 VAC

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

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