

Datasheet - NDLGN

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 | NDLGN |
| Article number | 101163547 |
| EAN Code | 4250116200481 |
| eCl@ss | 27-37-12-11 |

Approval

| | |
|----------|---------------|
| Approval | USA/CAN BG |
|----------|---------------|

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 | <input type="checkbox"/> White |
| - Colour of the front ring | <input checked="" type="checkbox"/> 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 |
|---------------------------|----|

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

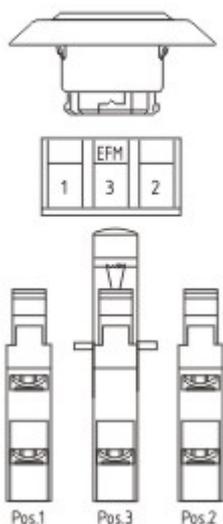
IPA Data (en) 248 kB, 09.11.2012

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



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
- 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)



101018110 - EF103.1G

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



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)



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)



101006548 - EF103.2

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



101006547 - EF103.1

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



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)



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



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)



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



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)



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



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

Light terminal block



101166026 - ELDE.NWS230

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



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



101167385 - ELDEKWS24

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

101166023 - ELDE.NGN230

- Screw connection
- Mounting flange position 3
- green 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



101167383 - ELDEKGN24

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

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

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