

NDLRT

Data

Ordering data	
Product type description	NDLRT
Article number (order number)	101163544
EAN (European Article Number)	4250116200474
eCl@ss number, Version 9.0	27-37-12-10
Certifications	
Certificates	cULus IPA
General data	
Product name	NDL - Illuminated pushbutton
Standards	EN 60947-5-1 IEC/EN 60947-1
Versions	Embeddable button - Front plate mounting
	Round
Sealing type	Membrane Lip gaskets
Material of the operators	ABS
Material of the front ring	ABS, chrome-plated
Colour of the operating element	Red
Colour of the front ring	Silver
Colour of the bellows	White
Gross weight	40 g

General data - Features	
Illuminable	Yes
Mounting flange	Yes
Probing possible	Yes
Fully insulated	Yes
Mechanical data	
Unlocking	without
Mounting	Mounting flange ELM
Actuating stroke	5 mm
Tightening torque of the screw	0.6 Nm
Mechanical data - Dimensions	
Height	28 mm
Diameter total	44.5 mm
Diameter of touch surface	27 mm
Diameter of the front ring	44.5 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1.5 mm
Thickness of the front panel, maximum	6 mm
Spacing	50 x 50 mm
Ambient conditions	
Protection class	IP67 IP69K
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C

Documents

Operating instructions and Declaration of conformity
(1,3 MB, 10.05.2019, Revision B)
BG-test certificate
(286,7 kB, 28.04.2020)
UL Certificate
(413,7 kB, 01.08.2019)

IPA Data

(242,8 kB, 10.05.2019, Revision A)

Brochure

(8,7 MB, 10.05.2019, Revision 03)

Pictures

Product picture (catalogue individual photo)



ID: kndl-f01

| 362,0 kB | .jpg | 352.778 x 316.794 mm - 1000 x 898 Pixel - 72 dpi
| 54,2 kB | .jpg | 23.223 x 20.828 mm - 320 x 287 Pixel - 350 dpi
| 35,6 kB | .png | 74.083 x 66.322 mm - 210 x 188 Pixel - 72 dpi

System components

Light terminal block ELD



101167385 ELDEKWS24

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



101167381 ELDEKRT24

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



101166026 ELDE.NWS230

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



101166000 ELDE.NWS24

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



101166022 ELDE.NRT230

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



101165995 ELDE.NRT24

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

Contact element EF - (N)



101022273 EFK03.2

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



101026058 EFK30.2

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



101022276 EFK10.2

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



101006551 EF301.2

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



101006548 EF103.2

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



101176094 EF102.2

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



101006545 EF033.2

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



101183081 EF140.2

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



101006542 EF110.2

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



101006539 EF03.2

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



101028453 EF02.2

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



101006536 EF10.2

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



101022138 EF303.2

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



101024262 EF220.2

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



101022272 EFK03.1

- Cage clamps
- Mounting flange position 1
- 13-14 (Contact labelling)



101026057 EFK30.1

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



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)



101006550 EF301.1

- 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)



101176083 EF102.1

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



101006544 EF033.1

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



101183080 EF140.1

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



101006541 EF110.1

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



101006538 EF03.1

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



101028452 EF02.1

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



101006535 EF10.1

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



101023927 EF220.1

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

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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.
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