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SCHMERSAL
THE DNA OF SAFETY



NMLRT

- **flat dome**
- **for Ba9S LED's**

Data

Ordering data	
Product type description	NMLRT
Article number (order number)	101174522
EAN (European Article Number)	4250116201419
eCl@ss number, Version 9.0	27-37-12-11
Certifications	
Certificates	cULus IPA
General data	
Product name	NML - Illuminated signal
Standards	EN 60947-5-1 IEC/EN 60947-1
Versions	LED - Indicator light - Front plate mounting Round Flat dome
Installation conditions (mechanical)	arbitrarily
Sealing type	Membrane Lip gaskets Form seals
Material of the dome	PA (12)
Material of the front ring	ABS, chrome-plated
Colour of the dome	Red
Colour of the front ring	Silver
Gross weight	30 g

General data - Features	
Illuminable	Yes
Mounting flange	Yes
Fully insulated	Yes
Mechanical data	
Mounting	Mounting flange ELM
Tightening torque of the screw	0.6 Nm
Mechanical data - Dimensions	
Diameter total	44.5 mm
Height of the dome	2 mm
Diameter of the dome	26 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
Status indication	
Note (Integral System Diagnostics, status)	for 24 VAC/DC
Scope of delivery	
Note (included in delivery, number and type)	Mounting flange ELM is included in delivery

Documents

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

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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

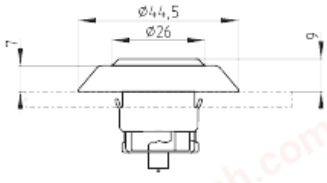
Product picture (catalogue individual photo)



ID: knme-f07

| 38,4 kB | .png | 74.083 x 66.322 mm - 210 x 188 Pixel - 72 dpi
| 445,5 kB | .jpg | 352.778 x 316.794 mm - 1000 x 898 Pixel - 72 dpi
| 61,8 kB | .jpg | 23.223 x 20.828 mm - 320 x 287 Pixel - 350 dpi

Dimensional drawing basic component



ID: knml-g01

| 64,3 kB | .jpg | 352.778 x 186.267 mm - 1000 x 528 Pixel - 72 dpi
| 2,2 kB | .png | 74.083 x 39.158 mm - 210 x 111 Pixel - 72 dpi
| 19,7 kB | .cdr |
| 18,9 kB | .jpg | 112.889 x 59.619 mm - 320 x 169 Pixel - 72 dpi

System components

Light terminal block ELD

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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



101006534 ELE230

- not suitable for operation with filament lamp or glow lamp

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101006529 ELE

- Print with LED symbol



101167368 ELEK

- Print with LED symbol

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal
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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