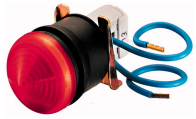
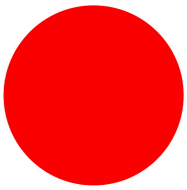
DATASHEET - L-R



Indicator light, red

Part no.	**L-R**
Catalog No.	**208689**
Alternate Catalog No.	**L-RQ**
EL-Nummer (Norway)	**4355793**

Delivery program

Product range			Accessories
Basic function accessories			Indicator light
Description			can be fitted in M20/M25 knockout in base
For use with			Filament and neon lamps up to 2.4 W
Colour			
			
Design			conical
Degree of Protection			IP66, IP67, IP69
Front ring			Bezel: titanium
Connection to SmartWire-DT			no

Technical data

General

Degree of protection, IEC/EN 60529			IP66, IP67, IP69
Ambient temperature			
Open		°C	-25 - +70
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.

10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			Not applicable.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for indicator light (EC000223)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ecl@ss10.0.1-27-37-12-11 [AKF029014])

Suitable for number of built-in signal lights			1
Colour lens			Red
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
With front ring			Yes
Material front ring			Plastic
Colour front ring			Other
Type of lens			High
Degree of protection (IP), front side			IP67/IP69K

Approvals

North America Certification			Request filed for UL and CSA
Degree of Protection			UL/CSA Type 3R, 4X, 12, 13

Dimensions

① 3 x M20 (PG 13.5) lateral
1 x M16 in base

Additional product information (links)

IL04716006Z (AWA1160-1696) Indicator light	
IL04716006Z (AWA1160-1696) Indicator light	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716006Z2018_06.pdf
IL04716017Z (AWA1160-1467) Foot and palm switches	
IL04716017Z (AWA1160-1467) Foot and palm switches	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716017Z2018_05.pdf

© 10/2020 by Eaton Industries GmbH