

Indicator light, flush, green, +filament lamp, 24 V

Part no. **Q25LF-GN/WB**
088828

General specifications		
Product name		Eaton Moeller® series RMQ16 Indicator light
Part no.		Q25LF-GN/WB
EAN		4015080888284
Product Length/Depth		59 millimetre
Product height		25 millimetre
Product width		25 millimetre
Product weight		0.011 kilogram
Certifications		IEC/EN 60947-5 CE UL IEC/EN 60947 CSA File No.: 46552 UL 508 UL Category Control No.: NKCR UL File No.: E29184 CSA CSA-C22.2 No. 14-05 CSA Class No.: 3211-03
Product Tradename		RMQ16
Product Type		Indicator light
Product Sub Type		None
Catalog Notes		Use of insulated ferrule ISH 2,8 > 24 V AC/DC recommended Use of insulated ferrule ISH 2,8 > 50 V AC or 120 V DC is mandatory, even on unused blade terminals
Features & Functions		
Bezel color		Black
Bezel material		Plastic
Design		Flush
Electric connection type		Flat plug-in connection
Fitted with:		Front ring Light source
Lens color		Green
General information		
Degree of protection		NEMA 1 IP65
Opening diameter		16 mm
Overvoltage category		III
Pollution degree		3
Size		Front dimensions: 25 × 25 mm
Rated impulse withstand voltage (Uimp)		800 V AC
Terminal capacity		0.5 - 1.0 mm ²
Terminal size		2.8 x 0.8 mm to DIN 46244, Blade terminal 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors
Type		Indicator lights
Voltage type		AC
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		Mechanical, According to IEC/EN 60068-2-27 40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		60 °C
Ambient operating temperature (enclosed) - min		25 °C
Ambient operating temperature (enclosed) - max		40 °C

Climatic proofing			Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Electrical rating			
Rated insulation voltage (Ui)			250 V
Rated operational voltage (Ue) - min			24 V
Rated operational voltage (Ue) - max			24 V
Rated operational voltage (Ue) at AC - max			24 V
Communication			
Connection to SmartWire-DT			No
Design verification			
Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdis			0 W
Heat dissipation per pole, current-dependent Pvid			0 W
Rated operational current for specified heat dissipation (In)			0 A
Static heat dissipation, non-current-dependent Pvs			1 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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 9.0

Low-voltage industrial components (EG000017) / Indicator light complete (EC000272)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Indicator light complete (ecl@ss13-27-37-12-23 [AKF041019])			
Number of indicator lights			1
Colour lens			Green
Type of lamp socket			W2 x 4.6
With light source			Yes
Rated operating voltage Ue		V	24 - 24
Voltage type			AC
Type of electric connection			Flat plug-in connection
Construction type lens			Square
Type of lens			Flat
Hole diameter		mm	16
Width opening		mm	0
Height opening		mm	0
With front ring			Yes

Material front ring			Plastic
Colour front ring			Black
Degree of protection (IP)			IP65
Degree of protection (NEMA)			1