DATASHEET - Q18LF-GE

Indicator light, flush, yellow

Part no.	**Q18LF-GE**
	088303
EL Number (Norway)	**4356306**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series RMQ16 Indicator light
Part no.	Q18LF-GE
EAN	4015080883036
Product Length/Depth	59 millimetre
Product height	18 millimetre
Product width	18 millimetre
Product weight	0.009 kilogram
Certifications	IEC/EN 60947-5 UL 508 UL Category Control No.: NKCR CE IEC/EN 60947 CSA UL File No.: E29184 CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 CSA File No.: 46552 UL
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 Without light elements

Features & Functions

Bezel color	Black
Bezel material	Plastic
Design	Flat
Fitted with:	Front ring LED W2x4, 6d, max. 30 V, 1 W
Lens color	Yellow

General information

Degree of protection	NEMA 1
Degree of protection (front side)	IP65
Opening diameter	16 mm
Overvoltage category	III
Pollution degree	3
Product category	RMQ16
Size	Front dimensions: 18 x 18 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

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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Electrical rating		
Rated insulation voltage (Ui)		250 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 Pdiss		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		0 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		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 9.0

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@ss13-27-37-12-11 [AKF029019])

Suitable for number of built-in signal lights		1
Colour lens		Yellow
Construction type lens		Square
Hole diameter	mm	16
Width opening	mm	0
Height opening	mm	16
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black
Type of lens		Flat
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		1