DATASHEET - Q18LF-WS/WB

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

Part no. **Q18LF-WS/WB**
088059

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series RMQ16 Indicator light
Part no.	Q18LF-WS/WB
EAN	4015080880592
Product Length/Depth	59 millimetre
Product height	18 millimetre
Product width	18 millimetre
Product weight	0.009 kilogram
Certifications	CSA CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 CE IEC/EN 60947 IEC/EN 60947-5 UL 508 CSA File No.: 46552 UL UL Category Control No.: NKCR UL File No.: E29184
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	Flat
Fitted with:	Front ring
Lens color	White

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	40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27

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			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) / 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			White
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