

DATASHEET - M22-L-G



Indicator light, RMQ-Titan, Flush, green

Part no. M22-L-G
216773
EL Number 4355334
(Norway)

General specifications		
Product name		Eaton Moeller® series M22 Indicator light
Part no.		M22-L-G
EAN		4015082167738
Product Length/Depth		30 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.007 kilogram
Compliances		CE Marked
Certifications		VDE 0660 CSA File No.: 012528 UL File No.: E29184 IEC 60947-5 UL Category Control No.: NKCR CSA Std. C22.2 No. 14-05 VDE CSA-C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 UL CSA Class No.: 3211-03 UL 508 EN 60947-5 IEC/EN 60947 IEC/EN 60947-5 CSA CE CSA-C22.2 No. 94-91
Product Tradename		M22
Product Type		Indicator light
Product Sub Type		None
Features & Functions		
Bezel color		Chrome
Bezel material		Other
Design		Flush
Fitted with:		Front ring
Lens color		Green
General information		
Degree of protection		NEMA 4X, 13
Degree of protection (front side)		IP67/IP69K
Opening diameter		22.5 mm
Overvoltage category		III
Pollution degree		3
Product category		RMQ-Titan
Rated impulse withstand voltage (Uimp)		4000 V AC
Size		Front diameter: 29.7 mm
Type		Indicator lights
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		Mechanical, According to IEC/EN 60068-2-27 30 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		70 °C
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Terminal capacities		
Terminal capacity		0.5 - 1.5 mm ² , stranded 0.5 - 1.5 mm ² , solid
Electrical rating		
Rated insulation voltage (Ui)		250 V
Communication		
Connection to SmartWire-DT		Yes With SWD-RMQ connections
Contacts		
Force for positive opening - min		0 N
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		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			Green
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	22.5
With front ring			Yes
Material front ring			Other
Colour front ring			Chrome
Type of lens			Flat
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA)			4X, 13

