DATASHEET - M22-L-G-LED-BVP

Indicator lights, complete device

Part no.	**M22-L-G-LED-BVP**
	110927
EL Number (Norway)	**4356250**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series M22 Indicator light
Part no.	M22-L-G-LED-BVP
EAN	4015081104567
Product Length/Depth	50 millimetre
Product height	80 millimetre
Product width	50 millimetre
Product weight	0.022 kilogram
Compliances	CE
Product Tradename	M22
Product Type	Indicator light
Product Sub Type	None
Catalog Notes	Blister pack for hanging. Can be ordered using a single article no.

Features & Functions

Bezel color	Chrome
Bezel material	Other
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
Product category	RMQ-Titan

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C

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	0.45 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			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