DATASHEET - M22-L-Y-LEDC230-BVP

Complete device, indicator light, base fixing, Blister pack for hanging

Part no. **M22-L-Y-LEDC230-BVP**
168782

General specifications	
Product name	Eaton Moeller® series M22 Indicator light
Part no.	M22-L-Y-LEDC230-BVP
EAN	4015081652631
Product Length/Depth	150 millimetre
Product height	30 millimetre
Product width	245 millimetre
Product weight	0.017 kilogram
Compliances	CE
Product Tradename	M22
Product Type	Indicator light
Product Sub Type	None
Catalog Notes	Can be ordered using a single article no. Blister pack for hanging.
Features & Functions	
Bezel color	Chrome
Bezel material	Other
Lens color	Yellow
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
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °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
Communication	
Connection to SmartWire-DT	No
Contacts	
Force for positive opening - min	0 N
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			Yellow
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	22.5
With front ring			No
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

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