

Climatic proofing

Light element, LED, blue, front mount, 85-264VAC, spring clamp connection

Part no. M22-CLED230-B

218063

	4355783	
General specifications		
Product name		Eaton Moeller® series M22 Accessory LED
Part no.		M22-CLED230-B
EAN		4015082180638
Product Length/Depth		39 millimetre
Product height		39 millimetre
Product width		10 millimetre
Product weight		0.01 kilogram
Compliances		CE Marked GoST-R Bureau Veritas
Certifications		CCC Marked UL Lloyd's Register Certified CE CSA File No.: 012528 CSA-C22.2 No. 14-05 UL File No.: E29184 CSA Class No.: 3211-03 CSA Certified CSA-C22.2 No. 94-91 UL Category Control No.: NKCR UL 508 IEC 60947-5-1 IEC/EN 60947-5 CSA
Product Tradename		M22
Product Type		Accessory
Product Sub Type		LED
Catalog Notes		Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany
Features & Functions		
Fitted with:		Light source Diode
Light color		Blue
General information		
Degree of protection		IP20
Lifespan, electrical		100,000 h (at 25°C, according to EN60064)
Operating torque		0.8 N⋅m
Overvoltage category		III
Pollution degree		3
Rated impulse withstand voltage (Uimp)		6000 V AC
Туре		Light Unit
Voltage type		AC
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
Ambient storage temperature - min		40 °C
Ambient storage temperature - max		80 °C

Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Terminal capacity (solid) Terminal capacity (stranded) Clectrical rating Power consumption Rated insulation voltage (Ui) Rated operational current (le) - min Rated operational voltage (Ue) at AC - max Rated operational voltage (Ue) at AC - min Rated operational voltage (Ue) at AC - min Rated operational voltage (Ue) at DC - min Rated operational voltage (Ue) at DC - min Connection to SmartWire-DT Connection to SmartWire-DT Connection type Contacts Force for positive opening - min O 5 - 2.5 mm² 0.5 - 2.5 mm² Max. 0.33 W Max. 0.33 W 500 V 600 V	Towning Languities	
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Rated operational voltage (Ue) at DC - mix Communication Commetion SmartWire- DT Commetion type Front fixing	Rated operational voltage (Ue) at AC - max	264 V
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10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. 10 she panel builder's responsibility. 11 sthe panel builder's responsibility. 12 sthe panel builder's responsibility. 13 the panel builder's responsibility. 14 the panel builder's responsibility. 15 the panel builder's responsibility. 16 the panel builder's responsibility. 17 the panel builder's responsibility. The specifications for the switchgear must be observed. 18 the panel builder's responsibility. The specifications for the switchgear must be observed. 19 the panel builder's responsibility. The specifications for the switchgear must be observed. 10 the panel builder's responsibility. The specifications for the switchgear must be observed.	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 1s the panel builder's responsibility. 10.8 Connections for external conductors 1s the panel builder's responsibility. 10.9.2 Power-frequency electric strength 1s the panel builder's responsibility. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections 1s the panel builder's responsibility. 10.8 Connections for external conductors 1s the panel builder's responsibility. 10.9.2 Power-frequency electric strength 1s the panel builder's responsibility. 10.9.3 Impulse withstand voltage 1s the panel builder's responsibility. 1s the panel builder's responsibility. 1s the panel builder's responsibility. 1s the panel builder is responsibility. 1n panel builder is responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed.	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.18 the panel builder's responsibility. 11.19 Is the panel builder's responsibility. 12.10 Is the panel builder's responsibility. 13.11 Short-circuit rating 14.12 Electromagnetic compatibility 15.15 the panel builder's responsibility. The specifications for the switchgear must be observed. 16.19 The panel builder's responsibility. The specifications for the switchgear must be observed. 17.18 Mechanical function 18. The panel builder's responsibility. The specifications for the switchgear must be observed. 18. The panel builder's responsibility. The specifications for the switchgear must be observed.	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 Mechanical function 10.16 The device meets the requirements, provided the information in the instruction	10.7 Internal electrical circuits and connections	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. 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	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Testing of enclosures made of insulating material 15 the panel builder's responsibility. 16 the panel builder's responsibility. The specifications for the switchgear must be observed. 17 The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	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	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	
	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Lamp holder block for control circuit devices (EC000204)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Bulb socket block for command and alarm devices (ecl@ss13-27-37-12-09 [AKF027019])

(601@3313-27-37-12-03 [AIXI 027013])	
Transformer integrated	No
With integrated voltage decreasing resistor	No
With light source	Yes

With integrated diode		Yes
Lamp holder		None
Rated voltage Ue at AC 50 Hz	V	85 - 264
Rated voltage Ue at AC 60 Hz	V	85 - 264
Rated voltage Ue at DC	V	0 - 0
Voltage type for actuating		AC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour light source		Blue
Type of fastening		Front fastening