DATASHEET - M22-LED230-W



LED element, white, front mount, 85-264VAC

Part no. M22-LED230-W

216563

EL Number 4355375

(Norway)



(NUI Way)	
General specifications	
Product name	Eaton Moeller® series M22 Accessory LED
Part no.	M22-LED230-W
EAN	4015082165635
Product Length/Depth	38 millimetre
Product height	10 millimetre
Product width	37 millimetre
Product weight	0.011 kilogram
Compliances	CE Marked
Certifications	EN 60947-5 CSA Std. C22.2 No. 14-05 UL 508 CSA Std. C22.2 No. 94-91 IEC 60947-5 VDE CE CSA File No.: 012528 UL File No.: E29184 CSA-C22.2 No. 14-05 UL CSA-C22.2 No. 94-91 CSA IEC 60947-5-1 CSA Class No.: 3211-03 IEC/EN 60947-5 UL Category Control No.: NKCR
Product Tradename	M22
Product Type	Accessory
Product Sub Type	LED
Features & Functions	
Color	White
Fitted with:	Diode Light source
Light color	White
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
Voltage type	AC
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	30 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	70 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	80 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacities	
Terminal capacity (solid)	0.75 - 2.5 mm ²

Electrical rating Power consumption Rated insulation voltage (Ui) Rated operational current (Ie) - min Sated operational current (Ie) - max Rated operational voltage (Ue) at AC - max Rated operational voltage (Ue) at AC - min Sated operational voltage (Ue) at AC - min Sated operational voltage (Ue) at DC - max OV Rated operational voltage (Ue) at DC - min OV Communication Connection to SmartWire-DT Connection type Contacts Force for positive opening - min Max. 0.33 W Max. 0.33 W Max. 0.33 W SmA OV SmA 15 mA 85 V 0 V 0 V Front fixing	Terminal capacity (stranded)	0.5 - 2.5 mm ²
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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. Is the panel builder's responsibility. Is the panel builder's responsibility. Is the panel builder's responsibility. The panel builder is responsibility. Is the panel builder is responsibility. Is the panel builder is responsibility. Is the panel builder is responsibility. The specifications for the switchgear must be observed. 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	10.4 Clearances and creepage distances	Meets the product standard's requirements.
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	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 (eci@ss13-27-37-12-09 [AKF027019])

(ecl@ss13-27-37-12-09 [AKF027019])		
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		Screw connection
Colour light source		White
Type of fastening		Front fastening