

## LED element, Flat Rear, blue, front mounting

**Part no.** M22-FLED-B  
**180796**

**EL Number**  
**(Norway)** 4315747

<b>General specifications</b>	
Product name	Eaton Moeller® series M22 Accessory LED
Part no.	M22-FLED-B
EAN	4015081759705
Product Length/Depth	38 millimetre
Product height	10 millimetre
Product width	14 millimetre
Product weight	0.004 kilogram
Certifications	CSA Class No.: 3211-03 UL UL File No.: E29184 CSA File No.: 012528 CSA-C22.2 No. 94-91 CE IEC 60947-5-1 UL 508 IEC/EN 60947-5 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR 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
<b>Features &amp; Functions</b>	
Fitted with:	Light source Diode
Light color	Blue
<b>General information</b>	
Degree of protection	IP20
Lifespan, electrical	100,000 h (at 25°C, according to EN60064)
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	4000 V AC
Voltage type	AC/DC
<b>Ambient conditions, mechanical</b>	
Mounting position	As required
Shock resistance	50 g, Mechanical, according to IEC/EN 60068-2-27, Half-Sinusoidal shock 11 ms
<b>Climatic environmental conditions</b>	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Ambient storage temperature - min	-40 °C
Ambient storage temperature - max	85 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 Dry heat to IEC 60068-2-2
<b>Terminal capacities</b>	
Terminal capacity (flexible with ferrule)	1 x (0.25 - 1) mm <sup>2</sup> Use WAGO Variocrimp 4 crimping tool; please enquire for others
Terminal capacity (solid)	1 x (0.75 - 1.5) mm <sup>2</sup> Can be plugged without tools 1 x (0.2 - 1.5) mm <sup>2</sup>
Terminal capacity (solid/stranded AWG)	20
Terminal capacity (stranded)	1 x (0.2 - 1.5) mm <sup>2</sup>

<b>Electrical rating</b>		
Power consumption		Max. 0.26 W
Rated insulation voltage (Ui)		250 V
Rated operational current (Ie) - min		5 mA
Rated operational current (Ie) - max		15 mA
Rated operational voltage (Ue) at AC - max		30 V
Rated operational voltage (Ue) at AC - min		12 V
Rated operational voltage (Ue) at DC - max		30 V
Rated operational voltage (Ue) at DC - min		12 V
<b>Communication</b>		
Connection to SmartWire-DT		No
Connection type		Front fixing

## 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 (ec1@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	12 - 30
Rated voltage Ue at AC 60 Hz	V	12 - 30
Rated voltage Ue at DC	V	12 - 30
Voltage type for actuating		AC/DC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour light source		Blue
Type of fastening		Front fastening