

Specifications



Eaton 180796

Eaton Moeller® series M22 LED element,
Flat Rear, blue, front mounting

General specifications

PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	180796
MODEL CODE	M22-FLED-B
EAN	4015081759705
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	14 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	UL File No.: E29184 CSA-C22.2 No. 14-05 IEC/EN 60947-5 CSA Class No.: 3211-03 UL IEC 60947-5-1 CSA File No.: 012528 UL Category Control No.: NKCR CSA-C22.2 No. 94-91 UL 508 CSA CE
CATALOG NOTES	Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
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AMBIENT STORAGE TEMPERATURE - MAX	85 °C
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AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
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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
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Electrical rating

POWER CONSUMPTION	Max. 0.26 W
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RATED INSULATION VOLTAGE (UI)	250 V
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RATED OPERATIONAL CURRENT (IE) - MAX	15 mA
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RATED OPERATIONAL CURRENT (IE) - MIN	5 mA
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	30 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	12 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	30 V
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RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	12 V
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General information

DEGREE OF PROTECTION	IP20
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LIFESPAN, ELECTRICAL	100,000 h (at 25°C, according to EN60064)
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	3
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
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VOLTAGE TYPE	AC/DC
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Communication

CONNECTION TO SMARTWIRE-DT	No
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Features & functions

FITTED WITH:	Light source Diode
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LIGHT COLOR	Blue
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LED Details

LIGHT COLOR	Blue
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Mounting details

CONNECTION TYPE	Front fixing
MOUNTING POSITION	As required

Terminal capacities

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	1 x (0.25 - 1) mm ² Use WAGO Variocrimp 4 crimping tool; please enquire for others
TERMINAL CAPACITY (SOLID)	1 x (0.75 - 1.5) mm ² Can be plugged without tools 1 x (0.2 - 1.5) mm ²
TERMINAL CAPACITY (SOLID/STRANDED AWG)	20
TERMINAL CAPACITY (STRANDED)	1 x (0.2 - 1.5) mm ²

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
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DECLARATIONS OF CONFORMITY	eaton-led-element-declaration-of-conformity-eu260059en.pdf
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DRAWINGS	eaton-operating-contact-m22-led-element-dimensions.eps eaton-operating-led-m22-led-element-standards.eps eaton-operating-m22-led-element-3d-drawing.eps eaton-operating-button-symbol-003.eps
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ECAD MODEL	DA-CE-ETN.M22-FLED-B
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INSTALLATION INSTRUCTIONS	IL04716002Z
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MCAD MODEL	m22_fled.stp eaton-lamp-holder-blocks-mcad-drawings-m22-fled.dwg
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PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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