

Specifications



Eaton 180797

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	180797
MODEL CODE	M22-FLED-G
EAN	4015081759712
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	14 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	IEC 60947-5-1 UL UL 508 UL Category Control No.: NKCR CSA Class No.: 3211-03 IEC/EN 60947-5 CSA CSA-C22.2 No. 14-05 UL File No.: E29184 CE CSA File No.: 012528 CSA-C22.2 No. 94-91
CATALOG NOTES	Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
-------------------------------------	-------

AMBIENT STORAGE TEMPERATURE - MAX	85 °C
-----------------------------------	-------

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
-------------------------------------	--------

AMBIENT STORAGE TEMPERATURE - MIN	40 °C
-----------------------------------	-------

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

Electrical rating

POWER CONSUMPTION	Max. 0.26 W
-------------------	-------------

RATED INSULATION VOLTAGE (UI)	250 V
-------------------------------	-------

RATED OPERATIONAL CURRENT (IE) - MAX	15 mA
--------------------------------------	-------

RATED OPERATIONAL CURRENT (IE) - MIN	5 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
--	------

General information

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
--------------	-------

Communication

CONNECTION TO SMARTWIRE-DT	No
----------------------------	----

Features & functions

FITTED WITH:	Light source Diode
--------------	-----------------------

LIGHT COLOR	Green
-------------	-------

LED Details

LIGHT COLOR	Green
-------------	-------

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 (0.2 - 1.5) mm ² 1 x (0.75 - 1.5) mm ² Can be plugged without tools
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
------------	--

DECLARATIONS OF CONFORMITY	eaton-led-element-declaration-of-conformity-eu260059en.pdf
----------------------------	--

DRAWINGS	eaton-operating-contact-m22-led-element-dimensions.eps eaton-operating-button-symbol-004.eps eaton-operating-led-m22-led-element-standards.eps eaton-operating-m22-led-element-3d-drawing.eps
----------	--

ECAD MODEL	DA-CE-ETN.M22-FLED-G
------------	--------------------------------------

INSTALLATION INSTRUCTIONS	IL04716002Z
---------------------------	-----------------------------

MCAD MODEL	eaton-lamp-holder-blocks-mcad-drawings-m22-fled.dwg eaton-lamp-holder-blocks-mcad-3d-models-m22-fled.stp
------------	---

SALES NOTES	eaton-rmq-titan-high-performance-led-flyer-fl047008en-en-us.pdf
-------------	---

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

