

Specifications



Eaton 180799

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	180799
MODEL CODE	M22-FLED-RG
EAN	4015081759736
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	14 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	UL 508 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 IEC/EN 60947-5 CE UL File No.: E29184 CSA Class No.: 3211-03 IEC 60947-5-1 CSA File No.: 012528 CSA UL Category Control No.: NKCR UL
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	Dry heat to IEC 60068-2-2 Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
-------------------	---

Electrical rating

POWER CONSUMPTION	Max. 0.36 W
-------------------	-------------

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

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

RATED OPERATIONAL CURRENT (IE) - MIN	10 mA
--------------------------------------	-------

RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	24 V
--	------

RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	24 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	DC
--------------	----

Mounting details

CONNECTION TYPE	Front fixing
-----------------	--------------

MOUNTING POSITION	As required
-------------------	-------------

Communication

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

Features & functions

COLOR	Green Red
-------	--------------

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

LIGHT COLOR	Multi-colored
-------------	---------------

LED Details

LIGHT COLOR	Multi-colored
-------------	---------------

Terminal capacities

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	Use WAGO Variocrimp 4 crimping tool; please enquire for others
---	--

	1 x (0.25 - 1) mm ²
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
DECLARATIONS OF CONFORMITY	eaton-led-element-declaration-of-conformity-eu260059en.pdf
	eaton-operating-contact-m22-led-element-dimensions.eps
DRAWINGS	eaton-operating-m22-led-element-3d-drawing.eps eaton-operating-led-m22-led-element-standards.eps eaton-operating-m22-led-element-symbol.eps
ECAD MODEL	DA-CE-ETN.M22-FLED-RG
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	eaton-lamp-holder-blocks-mcad-drawings-m22-fled.dwg 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.

