Specifications



Eaton 180800

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

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	180800
MODEL CODE	M22-FLED-RGB
EAN	4015081759743
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	14 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	UL IEC/EN 60947-5 CSA UL 508 CSA Class No.: 3211-03 CSA File No.: 012528 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CE IEC 60947-5-1 UL File No.: E29184 CSA-C22.2 No. 14-05
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, constant, to IEC 60068-2-78 Dry heat to IEC 60068-2-2 Damp heat, cyclic, to IEC 60068-2-30

Communication

CONNECTION TO SMARTWIRE-DT	No

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

Features & functions

COLOR	Green Red Blue
FITTED WITH:	Light source Diode
LIGHT COLOR	Multi-colored

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

LED Details

LIGHT COLOR	Multi-colored

Mounting details

CONNECTION TYPE	Front fixing
MOUNTING POSITION	As required

Terminal capacities

TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	1 x (0.25 - 1) mm² Use WAGO Variocrimp 4 crimping tool; please enquire for others
TERMINAL CAPACITY (SOLID)	1 x (075 - 1.5) mm² Can be plugged without tools 1 x (0.2 - 1.5) mm²
TERMINAL CAPACITY (SOLID/STRANDED AWG)	20

TERMINAL CAPACITY (STRANDED)	1 x (0.2 - 1.5) mm²

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-led-m22-led-element-standards.eps eaton-general-c22-indicator-light-symbol.eps eaton-operating-m22-led-element-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.M22-FLED-RGB
INSTALLATION INSTRUCTIONS	IL047160002Z
MCAD MODEL	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

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

© 2026 Eaton. All Rights Reserved.