Specifications



Eaton 180798

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

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 LED element
CATALOG NUMBER	180798
MODEL CODE	M22-FLED-R
EAN	4015081759729
PRODUCT LENGTH/DEPTH	38 mm
PRODUCT HEIGHT	10 mm
PRODUCT WIDTH	14 mm
PRODUCT WEIGHT	0.004 kg
CERTIFICATIONS	CSA IEC 60947-5-1 UL Category Control No.: NKCR IEC/EN 60947-5 UL UL File No.: E29184 CSA-C22.2 No. 14-05 CE CSA-C22.2 No. 94-91 UL 508 CSA Class No.: 3211-03 CSA File No.: 012528
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 Damp heat, cyclic, to IEC 60068-2-30 Dry heat to IEC 60068-2-2

Communication

CONNECTION TO SMARTWIRE-DT	No

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

Features & functions

FITTED WITH:	Diode Light source
LIGHT COLOR	Red

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

LED Details

LIGHT COLOR	Red

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 (0.2 - 1.5) mm² 1 x (075 - 1.5) mm² Can be plugged without tools
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-button-symbol-006.eps eaton-operating-led-m22-led-element-standards.eps eaton-operating-m22-led-element-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.M22-FLED-R
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	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:	

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