

Specifications



Eaton 178462

Eaton Moeller® series SL7 Base module, quick-mounting, 800 mm aluminum tube

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Base module
CATALOG NUMBER	178462
EAN	4015081737659
PRODUCT LENGTH/DEPTH	81 mm
PRODUCT HEIGHT	875 mm
PRODUCT WIDTH	81 mm
PRODUCT WEIGHT	0.8 kg
CERTIFICATIONS	IEC/EN 60529 IEC/EN 60947-5-1
MODEL CODE	SL7-FMS-800

Features & Functions

COLOR	Other
FITTED WITH:	Base adapter for slipping onto place (rapid mounting and wiring system) Cover
NUMBER OF MODULES	Max. 10 (with base for mounting on both sides) Max. 5 (with standard base) Max. 5

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Electrical rating

RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL VOLTAGE	110/120 V AC ± 10 % 24 V AC/DC ± 10 % 230/240 V AC ± 10 %

General

CONNECTION TO SMARTWIRE-DT	No
DEGREE OF PROTECTION	NEMA 4X IP66 NEMA 4 NEMA 13
MOUNTING METHOD	Bracket Floor Horizontal
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	SL signal towers
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
SHOCK RESISTANCE	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
TUBE LENGTH	800 mm
TYPE	Base module

Terminal capacities

TERMINAL CAPACITY (AWG)	24 - 14
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE AND PLASTIC COLLAR)	0.25 - 1.5 mm ²
TERMINAL CAPACITY (SOLID/FLEXIBLE)	0.13 - 2.5 mm ²

Resources

CATALOGUES	eaton-rmq-titan-brochure-br047004en-en-us.pdf eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
-------------------	---

DECLARATIONS OF CONFORMITY	DA-DC-00004253.pdf
	DA-DC-00004257.pdf
DRAWINGS	eaton-operating-sl7-base-module-dimensions-004.eps
	eaton-operating-button-sl7-base-module-symbol.eps
	eaton-operating-signal-module-sl7-base-module-3d-drawing.eps
INSTALLATION INSTRUCTIONS	IL047002ZU IL047007ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	DA-CD-sl7 fms 800
	DA-CS-sl7 fms 800

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

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

© 2025 Eaton. All Rights Reserved.

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

