

Specifications



Eaton 171456

Eaton Moeller® series SL7 Base module; quick-mounting; 100 mm aluminum tube

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Base module
CATALOG NUMBER	171456
MODEL CODE	SL7-FMS-100
EAN	4015081677856
PRODUCT LENGTH/DEPTH	81 mm
PRODUCT HEIGHT	202 mm
PRODUCT WIDTH	81 mm
PRODUCT WEIGHT	0.231 kg

CERTIFICATIONS	IEC/EN 60529 Certified by UL for use in Canada UL report applies to both US and Canada CSA-C22.2 No. 14-10 UL File No.: E29184 CSA Class No.: NKCR7 CE UL 508 UL Category Control No.: NKCR CSA-C22.2 No. 94-91 UL IEC/EN 60947-5-1
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Climatic environmental conditions

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

Features & functions

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

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

Electrical rating

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

General information

CONNECTION TO SMARTWIRE-DT	No
DEGREE OF PROTECTION	NEMA 4X NEMA 4 NEMA 13 IP66
MOUNTING METHOD	Floor Horizontal Bracket
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	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
TUBE LENGTH	100 mm
TYPE	Base module

Resources

BROCHURES	SL4, SL7, SLC Stack light overview brochure BR047017
CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-rmq-titan-brochure-br047004en-en-us.pdf

DECLARATIONS OF CONFORMITY	eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf eaton-continuous-light-module-declaration-of-conformity-eu250556en.pdf
DRAWINGS	eaton-operating-sl7-base-module-dimensions.eps eaton-operating-signal-module-sl7-base-module-3d-drawing.eps eaton-operating-button-sl7-base-module-symbol.eps
ECAD MODEL	DA-CE-ETN.SL7-FMS-100
INSTALLATION INSTRUCTIONS	IL047007ZU IL047002ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	DA-CS-sl7_fms_100 eaton-base-modules-mcad-drawings-sl7-fms-100.dwg

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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