

Specifications



Eaton 171457

Eaton Moeller® series SL7 Base module; quick-mounting; 250 mm aluminum tube

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Base module
CATALOG NUMBER	171457
EAN	4015081677863
PRODUCT LENGTH/DEPTH	81 mm
PRODUCT HEIGHT	352 mm
PRODUCT WIDTH	81 mm
PRODUCT WEIGHT	0.279 kg
CERTIFICATIONS	UL report applies to both US and Canada CE CSA-C22.2 No. 94-91 UL Category Control No.: NKCR IEC/EN 60529 UL UL File No.: E29184 CSA-C22.2 No. 14-10 IEC/EN 60947-5-1 CSA Class No.: NKCR7 Certified by UL for use in Canada UL 508
MODEL CODE	SL7-FMS-250

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)

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 % 230/240 V AC ± 10 % 24 V AC/DC ± 10 %

General

CONNECTION TO SMARTWIRE-DT	No
DEGREE OF PROTECTION	IP66 NEMA 4X NEMA 4 NEMA 13
MOUNTING METHOD	Bracket Horizontal Floor
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	250 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
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DECLARATIONS OF CONFORMITY	DA-DC-00004257.pdf
	DA-DC-00004253.pdf
DRAWINGS	eaton-operating-sl7-base-module-dimensions-002.eps
	eaton-operating-button-sl7-base-module-symbol.eps
	eaton-operating-signal-module-sl7-base-module-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.SL7-FMS-250
INSTALLATION INSTRUCTIONS	IL047007ZU IL047002ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	DA-CD-sl7_fms_250
	DA-CS-sl7_fms_250

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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