Specifications



Eaton 171450

Eaton Moeller® series SL7 Base module, for vertical mounting on one sides

General specifications	
PRODUCT NAME	Eaton Moeller® series SL7 Base module
CATALOG NUMBER	171450
MODEL CODE	SL7-CB-FW
EAN	4015081679546
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	118 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.158 kg
CERTIFICATIONS	UL 508 UL CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-10 UL File No.: E29184 CSA Class No.: NKCR7 UL report applies to both US and Canada UL Category Control No.: NKCR IEC/EN 60529 Certified by UL for use in Canada IEC/EN 60947-5-1 CE

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

Electrical rating

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

Features & functions

COLOR	Other
FITTED WITH:	Cover Bracket
NUMBER OF MODULES	Max. 10 (with base for mounting on both sides) Max. 5 Max. 5 (with standard base)

General information

CONNECTION TO SMARTWIRE-DT	No
DEGREE OF PROTECTION	IP66 NEMA 4X NEMA 13 NEMA 4
MOUNTING METHOD	Floor Bracket Vertical
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
TYPE	Base module

Terminal capacities

TERMINAL CAPACITY (AWG)	24 - 14
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE AND PLASTIC COLLAR)	0.25 - 1.5 mm²
TERMINAL CAPACITY (SOLID/FLEXIBLE)	0.13 - 2.5 mm²

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-eu250556en.pdf eaton-continuous-light-module-declaration-of-conformity-uk251039en.pdf
DRAWINGS	eaton-operating-sl7-base-module-dimensions-014.eps eaton-operating-sl7-base-module-3d-drawing-004.eps

	eaton-operating-button-sl7-base-module-symbol.eps
ECAD MODEL	DA-CE-ETN.SL7-CB-FW
INSTALLATION INSTRUCTIONS	IL047003ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	eaton-base-modules-mcad-drawings-sl7-cb-fw.dwg DA-CS-sl7_cb_fw

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2026 Eaton. All Rights Reserved.

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