

Specifications



Eaton 171453

Eaton Moeller® series SL7 Base module, 250 mm aluminum tube

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Base module
---------------------	---------------------------------------

CATALOG NUMBER	171453
-----------------------	--------

MODEL CODE	SL7-CB-T-250
-------------------	--------------

EAN	4015081677825
------------	---------------

PRODUCT LENGTH/DEPTH	73 mm
-----------------------------	-------

PRODUCT HEIGHT	367 mm
-----------------------	--------

PRODUCT WIDTH	73 mm
----------------------	-------

PRODUCT WEIGHT	0.323 kg
-----------------------	----------

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

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:	Aluminum tube Banjo bolt Cover
NUMBER OF MODULES	Max. 5 (with standard base) Max. 5 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	230/240 V AC ± 10 % 24 V AC/DC ± 10 % 110/120 V AC ± 10 %

General information

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

Resources

BROCHURES	SL4, SL7, SLC Stack light overview brochure BR047017
CATALOGUES	eaton-rmq-titan-brochure-br047004en-en-us.pdf

	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-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-018.eps
	eaton-operating-button-sl7-base-module-symbol.eps
	eaton-operating-sl7-base-module-3d-drawing-007.eps
ECAD MODEL	DA-CE-ETN.SL7-CB-T-250
INSTALLATION INSTRUCTIONS	IL047003ZU
INSTALLATION VIDEOS	Signal towers SL4 and SL7
MCAD MODEL	eaton-base-modules-mcad-drawings-sl7-cb-t-250.dwg
	DA-CS-sl7_cb_t_250

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.

