Specifications

Eaton 171456

Catalog Number: 171456

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



General specifications

Product Name	**Catalog Number**
Eaton Moeller® series SL7 Base module	171456
EAN	**Product Length/Depth**
4015081677856	81 mm
Product Height	**Product Width**
202 mm	81 mm
Product Weight	**Certifications**
0.231 kg	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

Powering Business Worldwide

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)

General

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

Climatic environmental conditions

Ambient operating temperature - min

-30 °C

Ambient operating temperature - max

60 °C

Climatic proofing

Terminal capacities

Terminal capacity (AWG)

24 - 14

Terminal capacity (flexible with ferrule and plastic collar)

0.25 - 1.5 mm²

Terminal capacity (solid/flexible)

Damp heat, cyclic, to IEC 60068-2-30

Damp heat, constant, to IEC 60068-2-78

0.13 - 2.5 mm²

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 %

Resources

Brochures

SL4, SL7, SLC Stack light overview brochure BR047017

Catalogs

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.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-100

Installation instructions

IL047007ZU

IL047002ZU

Installation videos

Signal towers SL4 and SL7

mCAD model

DA-CD-sl7_fms_100

DA-CS-sl7_fms_100



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

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