Specifications

Eaton 127666



Catalog Number: 127666

Eaton EML Terminal block, 2 x 4/0-500 MCM, 2 x 120-240 mm², For use with: S801+, S811+, frame size V

General specifications

Product Name
Eaton S811 Accessory Terminal block

Catalog Number
127666

EAN
4015081250745

Product Length/Depth
49.4 mm

Product Height
76 mm

Product Width
60 mm

Product Weight
1.836 kg

Certifications
UL Category Control No.: NMFT
CSA Class No.: 6223-02
UL File No.: E202571
CSA File No.: LR 353
UL508
CSA-C22.2 No. 65
UL
CSA

Catalog Notes
1 set required for each connection side.

Powering Business Worldwide

General

Used with

S801+/S811+ soft starters

Climatic environmental conditions

Ambient operating temperature - min

-30 °C

Ambient operating temperature - max

50 °C

Design verification

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

Resources

Brochures

eaton-softstarter-s811-ds7-brochure-br039001en-en-us.pdf

Catalogs

Product Range Catalog Drives Engineering

Drawings

eaton-semiconductor-contactors-eml-terminal-block-3d-drawing.eps

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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