Specifications

Eaton 127665



Catalog Number: 127665

Eaton EML Terminal block, 2 x 2/0-300 MCM, 2 x 70-150 mm², For use with: S801+, S811+, frame sizes T and U

General specifications

Product Name
Eaton S811 Accessory Terminal block

Catalog Number
127665

EAN
4015081250738

Product Length/Depth
190.5 mm

Product Height
101.6 mm

Product Width
114.3 mm

Product Weight
1.836 kg

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

Catalog Notes
1 set required for each connection side.

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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.

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.

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

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