

Eaton 127661

Catalog Number: 127661

Eaton EML Terminal block, 2 x 4-1/0MCM, 2 x 25-50 mm², For use with: S801+, S811+, frame sizes T and U

General specifications



Product Name	Catalog Number
Eaton S811 Accessory Terminal block	127661
EAN	Product Length/Depth
4015081250691	190.5 mm
Product Height	Product Width
101.6 mm	114.3 mm
Product Weight	Certifications
1.836 kg	CSA File No.: LR 353
	UL508
	CSA
	UL File No.: E202571
	CSA Class No.: 6223-02
	UL
	UL Category Control No.: NMFT
	CSA-C22.2 No. 65

Catalog Notes
1 set required for each connection side.

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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