

Specifications



Eaton 127664

Eaton EML Terminal block, 1 x 2/0-300 MCM, 1 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	127664
MODEL CODE	EML25
EAN	4015081250721
PRODUCT LENGTH/DEPTH	55 mm
PRODUCT HEIGHT	46 mm
PRODUCT WIDTH	47 mm
PRODUCT WEIGHT	1.836 kg
CERTIFICATIONS	CSA CSA File No.: LR 353 CSA-C22.2 No. 65 UL508 UL UL File No.: E202571 UL Category Control No.: NMFT CSA Class No.: 6223-02
CATALOG NOTES	1 set required for each connection side.



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Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 50 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -30 °C

Design verification

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.

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

Does not apply, since the

AGAINST ELECTRIC SHOCK	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.

Resources

APPLICATION NOTES [eaton-softstarter-s801-to-s811-ap039013-en-us.pdf](#)

BROCHURES [eaton-softstarter-s811-ds7-brochure-br039001en-en-us.pdf](#)

CATALOGUES [eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf](#)

DRAWINGS [eaton-semiconductor-contactors-eml-terminal-block-3d-drawing.eps](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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