



Terminal block for S801+ and S811+ soft starters



Part no. EML24
Catalog No. 127663
Eaton Catalog No. EML24
EL-Nummer (Norway) 0004137499

Delivery program

| | | | |
|--|--|-----------------|--|
| Accessories | | | Terminal blocks |
| Ordering information | | | 1 set required for each connection side. |
| For use with | | | S801+, S811+, frame sizes T and U |
| Terminal capacities | | mm ² | 2 x 4/0-500 MCM, 2 x 120-240 mm ² |
| Instructions Tools with dimensions in inches required | | | |

Design verification as per IEC/EN 61439

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|--|--|----|--|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -30 |
| Operating ambient temperature max. | | °C | 50 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | | |
| 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. |

Technical data ETIM 7.0

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| Low-voltage industrial components (EG000017) / Connection vane/phase spreader (EC002019) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Connection vane/phase spreader (ecl@ss10.0.1-27-37-13-05 [ACN990012]) | | | |
| Suitable for number of poles | | | 3 |

Approvals

| | | | |
|-------------------|--|--|-------------------------|
| Product Standards | | | UL508, CSA C22.2 No. 65 |
|-------------------|--|--|-------------------------|

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|-----------------------------|--|--------------------------|
| UL File No. | | E202571 |
| UL Category Control No. | | NMFT |
| CSA File No. | | LR 353 |
| CSA Class No. | | 6223-02 |
| North America Certification | | UL listed, CSA certified |