# DATASHEET - EML27

**Terminal cover (tools with inch measurements required) for soft starter S8x1+ sizes T, U**

**Part no.** **EML27**
**144549**

| | |
|---|---|
| **General specifications** | |
| Product name | Eaton S811 cover |
| Part no. | EML27 |
| EAN | 4015081410590 |
| Product Length/Depth | 307.34 millimetre |
| Product height | 78.74 millimetre |
| Product width | 127 millimetre |
| Product weight | 0.345 kilogram |
| Certifications | CSA-C22.2 No. 65<br>UL508<br>UL File No.: E202571<br>UL<br>CSA File No.: LR 353<br>CSA Class No.: 6223-02<br>CSA<br>UL Category Control No.: NMFT |
| Product Tradename | S811 |
| Product Type | Accessory |
| Product Sub Type | Cover |
| **General information** | |
| Accessory/spare part type | Other |
| **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. |

## Technical data ETIM 9.0

| Low-voltage industrial components (EG000017) / Accessories/spare parts for electronic motor control and protection device (EC002615) | |
|---|---|
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Electronic motor control and motor protection device / Electronic motor control and motor protection device (accessories) (ecl@ss13-27-37-08-92 [ACO035016]) | |
| Type of accessory/spare part | Other |
| Accessory | Yes |
| Spare part | No |


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