

Cable terminal block, for DILM185A/225A



**Part no.** DILM225A-XKU-S  
**139561**  
**EL Number** 4110222  
**(Norway)**

| General specifications   |   |
|--|---|
| Product name   | Eaton Moeller® series DILM cable terminal block   |
| Part no.   | DILM225A-XKU-S  |
| EAN  | 4015081363391   |
| Product Length/Depth   | 117 millimetre  |
| Product height   | 44 millimetre   |
| Product width  | 116 millimetre  |
| Product weight   | 0.484 kilogram  |
| Certifications   | IEC/EN 60947-4-1<br>CE<br>CSA-C22.2 No. 60947-4-1-14<br>UL 60947-4-1<br>UL File No.: E29096<br>CSA<br>UL<br>CSA Class No.: 3211-04<br>CSA File No.: 2389068<br>UL Category Control No.: NLDX  |
| Product Tradename  | DILM  |
| Product Type   | Accessory   |
| Product Sub Type   | Cable terminal block  |
| Catalog Notes  | Consisting of 3 box terminals   |
| General information  |   |
| Accessory/spare part type  | Connection terminal   |
| Connection   | Connection options: round conductors, flexible and stranded, ribbon cables.   |
| Fitted with:   | Control cable connection  |
| Product category   | Accessories   |
| Climatic environmental conditions  |   |
| Ambient operating temperature - min  | -40 °C  |
| Ambient operating temperature - max  | 60 °C   |
| Terminal capacities  |   |
| Terminal capacity  | 1 x (16 - 185) mm <sup>2</sup> , solid, Main cables<br>2 x (16 - 150) mm <sup>2</sup> , solid, Main cables<br>1 x (16 - 150) mm <sup>2</sup> , flexible with ferrule, Main cables<br>2 x (16 - 120) mm <sup>2</sup> , flexible with ferrule, Main cables<br>1 x (3 x 9 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable<br>2 x (10 x 16 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable<br>1 x (6 AWG-350 MCM)<br>2 x (6 AWG-350 MCM)<br>14 Nm, Screw terminals, Main cables<br>1 x (0.75 - 4) mm <sup>2</sup> , solid, Control circuit cables<br>2 x (0.75 - 4) mm <sup>2</sup> , solid, Control circuit cables<br>1 x (0.75 - 2.5) mm <sup>2</sup> , flexible with ferrule, Control circuit cables<br>2 x (0.75 - 2.5) mm <sup>2</sup> , flexible with ferrule, Control circuit cables<br>18 - 14, Control circuit cables<br>1.2 Nm, Screw terminals, Control circuit cables |
| Design verification  |   |
| Equipment heat dissipation, current-dependent Pvid                               | 0 W   |
| Heat dissipation capacity Pdis   | 0 W   |
| Heat dissipation per pole, current-dependent Pvid                                | 0 W   |
| Rated operational current for specified heat dissipation (In)                    | 0 A   |
| Static heat dissipation, non-current-dependent Pvs                               | 0 W   |
| 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.  |

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| 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

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| Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)  |  |  |                     |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018]) |  |  |                     |
| Type of accessory/spare part   |  |  | Connection terminal |
| Accessory  |  |  | Yes                 |
| Spare part   |  |  | No                  |