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Powering Business Worldwide

DILM225A-XKU-S - Cable terminal block, for DILM185A/225A



139561 DILM225A-XKU-S

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139561 DILM225A-XKU-S

Cable terminal block, for DILM185A/225A

Alternate Catalog No.

EL-Nummer (Norway)

Cable terminal block for contactor DILM185A/225A

XTCEXTLA225A

4110222



- [Delivery program](#)

- [Design verification as per IEC/EN 61439](#)

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- [Approvals](#)

Delivery program

Product range

Accessories

Accessories

Cable terminal block

Description

With control cable connection

consisting of 3 box terminals

Connection options: round conductors, flexible and stranded, ribbon cables.

For use with

DILM185A

DILM225A

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

0 A

Heat dissipation per pole, current-dependent [P_{vid}]

0 W

Equipment heat dissipation, current-dependent [P_{vid}]

0 W

Static heat dissipation, non-current-dependent [P_{vs}]

0 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-40 °C

Operating ambient temperature max.

+60 °C

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 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.5 Lifting
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.6 Mechanical impact
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage
 Is the panel builder's responsibility.
 10.9 Insulation properties 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

Low-voltage industrial components (EG000017) / Accessories 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 switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])
 Type of accessory
 Connection clamp

Approvals

Product Standards
 IEC/EN 60947-4-1; UL 60947-4-1; CSA - C22.2 No. 60947-4-1-14; CE marking
 UL File No.
 E29096
 UL Category Control No.
 NLDX
 CSA File No.
 2389068
 CSA Class No.
 3211-04
 North America Certification
 UL listed, CSA certified
 Specially designed for North America
 No

CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-dilm225a_xku_s](#)
File
(Web)

Step files

- [DA-CS-dilm225a_xku_s](#)
File
(Web)

Product presentation

- 
[DILM225A-XKU-S_C](#)
Photo
Cable terminal block
(Web)
- 
[DILM225A-XKU-S_L](#)
Photo
Cable terminal block
(Web)
- 
[DILM225A-XKU-S_R](#)
Photo
Cable terminal block
(Web)

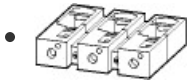
Additional product information

- [Motor starters and "Special Purpose Ratings" for the North American market](#)
(PDF)
- [Switchgear of Power Factor Correction Systems](#)
(PDF)
- [X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely](#)
(PDF)
- [Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions](#)
(PDF)
- [Effect of the Cabel Capacitance of Long Control Cables on the Actuation of Contactors](#)
(PDF)
- [Switchgear for Luminaires](#)
(PDF)
- [Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts](#)
(PDF)
- [The Interaction of Contactors with PLCs](#)
(PDF)
- [Busbar Component Adapters for modern Industrial control panels](#)
(PDF)

Product photo

- 
[2110PIC-231](#)
Photo

3D drawing



210I151

Line drawing

Cable terminal block with control-circuit connection

Standards



000Z153

Logo

xStart logo

Instruction Leaflet

- [Accessories for Contactors > 170 A \(IL03406009Z\)](#)
Asset
(PDF, 01/2021, multilingual)

Declaration of Conformity

EU

- [Contactor \(DA-DC-00003474\)](#)
Asset
(PDF)

UK

- [Contactor \(DA-DC-00003826\)](#)
Asset
(PDF)

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