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Powering Business Worldwide

DILM12-XSL - Wiring kit, three-pointed star for DILM7-15



283130 DILM12-XSL

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283130 DILM12-XSL

Wiring kit, three-pointed star for DILM7-15

Alternate Catalog No.

XTCEXSDLB

EL-Nummer (Norway)

4131899

Plug-in main current wiring bridge for quick, simple mounting

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Approvals](#)

Delivery program

Product range

Accessories

Accessories

Wiring accessories

Description

Main current wiring for star-delta combination

Including star-point bridge

For use with

DILM7

DILM9

DILM12

DILM15

For use with

DILM7/9/12/15 mains contactor

DILM7/9/12/15 delta contactor

DILM7/9/12/15 star contactor

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

22 A

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

2.2 W

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

6.6 W

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

0 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-25 °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) / Wiring set for power circuit breaker (EC002050)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24 [ACN957011])

Suitable for number of poles

3

Model

Star-delta switching

Approvals

Product Standards

IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
CSA File No.
012528
CSA Class No.
3211-05
North America Certification
CSA certified
Specially designed for North America
No

CAD data

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

DWG files

- [DA-CD-dilm12_xsl](#)
File
(Web, Language independent)

edz files

- [DA-CE-ETN.DILM12-XSL](#)
File
(Web)

Step files

- [DA-CS-dilm12_xsl](#)
File
(Web, Language independent)

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 Cable 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)

3D drawing



[2211011](#)

Line drawing
Star-delta wiring kit

Product photo



Standards



Instruction Leaflet

- [wiring kits DILM7 to DILM12 \(IL03407035Z\)](#)
Asset
(PDF, multilingual)

Declaration of Conformity

EU

- [DILM7...-PI - DILM15...-PI - Contactors & Contactor combinations \(DA-DC-00004059\)](#)
Asset
(PDF)
- [DILM7-DILM15 -EA - contactors & contactor combinations \(DA-DC-00004063\)](#)
Asset
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