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Powering Business Worldwide

DILM500-XS1 - Star-point bridge, For use with DILM500



208290 DILM500-XS1

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208290 DILM500-XS1

Star-point bridge, For use with DILM500

Alternate Catalog No.

XTCEXSDB500

EL-Nummer (Norway)

4134018

Star-point bridge, Product range: Accessories, Wiring accessories, For use with: DILM500

Delivery program

Contact sequence



Product range

Accessories

Accessories

Wiring accessories

For use with

DILM500

For use with

Star-point bridge for DILM500

Instructions

A cover is included for protection against accidental contact.

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_{rd}]

0 W

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

0 W

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

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.

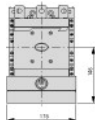
Technical data ETIM 7.0

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
Connecting bridge

Approvals

Product Standards
IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.
E29096
UL Category Control No.
NLDX
CSA File No.
165628
CSA Class No.
3211-04
North America Certification
UL listed, CSA certified
Specially designed for North America
No

Dimensions



Contactor with star-point bridge and terminal shroud
for DILM500

CAD data


- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)
- [DA-CD-dil_mr500_xs1](#)
CAD data
DWG files
(Web)
- [DA-CE-ETN.DILM500-XS1](#)
CAD data

- edz files
(Web)
- DA-CS-dil_m600_xs1
CAD data
 - Step files
(Web)

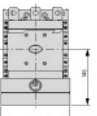
Additional product information

- 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 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)

Wiring diagram

- 
 - Contact sequence
 - Wiring diagram
 - Line drawing
 - Star-point bridge

Dimensions single product

- 
 - 210X110
 - Dimensions single product
 - Line drawing
 - Contactor with star-point bridge and terminal shroud

3D drawing

- 210I144
3D drawing
 - Line drawing
 - Star-point bridge
- 210I237
3D drawing
 - Line drawing
 - Star-point bridge

Product photo

- 
 - Photo
 - Product photo
 - Photo

Instruction Leaflet

- Accessories for Contactors > 170 A (IL03406009Z)
Instruction Leaflet
(PDF, International)

Standards

- [000Z153](#)
Standards
Logo
xStart logo


Declaration of Conformity

- [DA-DC-00003250](#)
Declaration of Conformity
(PDF)

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