

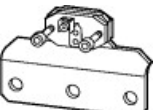
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Worldwide English

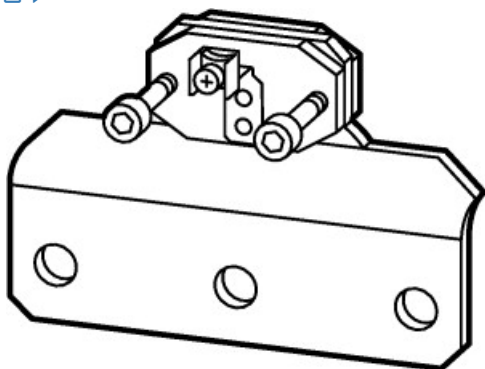


DILM185-XP1 - Paralleling link, for DILM185, (2 off)



208292 DILM185-XP1

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208292 DILM185-XP1

Paralleling link, for DILM185, (2 off)

Alternate Catalog No.

XTCEXPLKL185

EL-Nummer (Norway)

4110238

Paralleling link, Product range: Accessories, Wiring accessories, For use with: DILM185A

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Delivery program

Contact sequence



Product range

Accessories

Accessories

Wiring accessories

For use with

DILM185A

For use with

Paralleling links for DILM185

Information about equipment supplied

consisting of 2 paralleling links

Instructions

AC1 current carrying capacity of the open contactor increases by a factor of 2.5

Protected against accidental contact in accordance to VDE 0106 part 100

A cover is included with DILM185-XP1 for busbar tag shroud.

Technical data

Parallel link

Terminal capacities Flat conductor [Lamellenzahl x Breite x Dicke]

1 x (6 x 16 x 0.8)

2 x (20 x 32 x 0.5)

2 x (11 x 21 x 1) mm

Tightening torque

6 Nm

Terminal capacity control circuit cables Solid
 1 x (0.75 - 4)
 2 x (0.75 - 4) mm²
 Terminal capacity control circuit cables Flexible with ferrule
 1 x (0.75 - 2.5)
 2 x (0.75 - 2.5) mm²
 Tool Hexagon socket-head spanner [SW]
 5 mm
 Conventional thermal current [$I_{th} = I_e$] 3 pole [I_{th}]
 700 A

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_r]

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

Specially designed for North America

No

CAD data

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

DWG files

- [DA-CD-dil_m150_xp1](#)
File
(Web)

edz files

- [DA-CE-ETN.DILM185-XP1](#)
File
(Web)

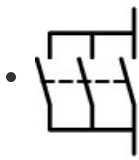
Step files

- [DA-CS-dil_m150_xp1](#)
File
(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

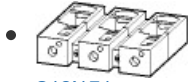


210S103

Line drawing

Parallel connectors, 3-pole

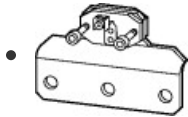
3D drawing



210I151

Line drawing

Cable terminal block with control-circuit connection



210I152

Line drawing

Accessories

Standards



000Z153

Logo

xStart logo

Instruction Leaflet

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

Declaration of Conformity

UK

- [Contactor \(DA-DC-00003823\)](#)
Asset
(PDF)

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