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Worldwide English



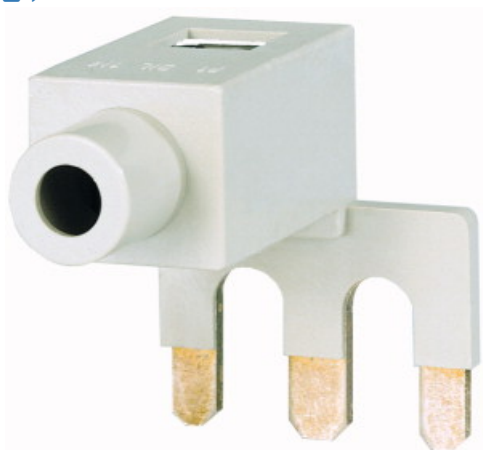
Powering Business Worldwide

DILM32-XP1 - Paralleling link, for DILM17-32



281194 DILM32-XP1

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281194 DILM32-XP1

Paralleling link, for DILM17-32

Alternate Catalog No.

EL-Nummer (Norway)

XTCEXPLKC

4110351

Paralleling link, Product range: Accessories, Wiring accessories, For use with: DILM17 - DILM32, DILMF8 - DILMF32

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Delivery program

Contact sequence



Product range

Accessories

Accessories

Wiring accessories

For use with

DILM17 - DILM32

DILMF8 - DILMF32

For use with

Paralleling links for DILM17 to DILM32

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

Technical data

Parallel link

Terminal capacitiesSolid
 16 mm²
 Terminal capacitiesFlexible with ferrule
 1 x (16 - 35) mm²
 Terminal capacitiesStranded
 1 x (16 - 50) mm²
 Tightening torque
 4 Nm
 ToolPozidriv screw driver
 2 Size
 Conventional thermal current [$I_{th} = I_e$] 3 pole [I_{th}]
 100 A
 Rating data for approved types
 Short Circuit Current RatingBasic RatingSCCR
 5 kA
 Short Circuit Current RatingBasic Ratingmax. Fuse
 125 A
 Short Circuit Current RatingBasic Ratingmax. CB
 125 A
 Short Circuit Current Rating480 V High FaultSCCR (fuse)
 10/100 kA
 Short Circuit Current Rating480 V High Faultmax. Fuse
 125/70 Class J A
 Short Circuit Current Rating480 V High FaultSCCR (CB)
 10/65 kA
 Short Circuit Current Rating480 V High Faultmax. CB
 50/32 A
 Short Circuit Current Rating600 V High FaultSCCR (fuse)
 10/100 kA
 Short Circuit Current Rating600 V High Faultmax. Fuse
 125/125 Class J A
 Short Circuit Current Rating600 V High FaultSCCR (CB)
 10/22 kA
 Short Circuit Current Rating600 V High Faultmax. CB
 50/32 A

Design verification as per IEC/EN 61439

Technical data for design verification
 Rated operational current for specified heat dissipation [I_r]
 115 A
 Heat dissipation per pole, current-dependent [P_{vd}]
 0.1 W
 Equipment heat dissipation, current-dependent [P_{vd}]
 0.3 W
 Static heat dissipation, non-current-dependent [P_{vs}]
 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 parts10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts10.2.6 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.
012528
CSA Class No.
3211-03
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-dil_m82_xp1](#)
File
(Web)

edz files

- [DA-CE-ETN.DILM32-XP1](#)
File
(Web)

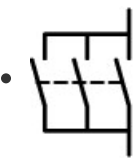
Step files

- [DA-CS-dil_m32_xp1](#)
File
(Web)

Additional product information

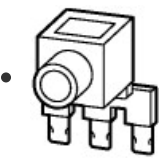
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- [Switchgear of Power Factor Correction Systems](#)
(PDF)
- [X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely](#)
(PDF)
- [Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions](#)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



210S103
Line drawing
Parallel connectors, 3-pole

3D drawing



210I234
Line drawing
Set of paralleling links

Product photo



210A213
Photo
Set of paralleling links

Standards

- 
000Z153
Logo
xStart logo

Declaration of Conformity

EU

- [Lighting contactors \(DA-DC-00004094\)](#)
Asset
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- [DILM17-DILM38 - Contactors and contactor combinations \(DA-DC-00004096\)](#)
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- [DILM17-DILM38 -EA - Contactors and contactor combinations \(DA-DC-00004102\)](#)
Asset
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