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Powering Business Worldwide

DILM65-XP1 - Paralleling link, for DILM40-65



281195 DILM65-XP1

Overview Specifications Resources



281195 DILM65-XP1

Paralleling link, for DILM40-65

Alternate Catalog No. EL-Nummer (Norway) XTOEXPLKD

4110352

Paralleling link, Product range: Accessories, Wiring accessories, For use with: DILM40 - DILM72, DILMF40 - DILMF65

- Delivery program
- Technical data
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals

Delivery program

Contact sequence



Product range

Accessories

Accessories

Wiring accessories

For use with

DILM40 - DILM72

DILMF40 - DILMF65

For use with

Paralleling links for DILM40 to DILM72

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 capacities Flexible with ferrule

1 x (16 - 120) mm²

Terminal capacitiesStranded

1 x (16 - 120) mm²

Tightening torque

14 Nm

ToolHexagon socket-head spanner [SW]

5 mm

Conventional thermal current [I_{th} = I_e]3 pole [I_{th}]

180 A

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation $[I_n]$

215 Δ

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

0.5 W

Equipment heat dissipation, current-dependent [Pvid]

1.5 W

Static heat dissipation, non-current-dependent [P_s]

0 W

Heat dissipation capacity [Pdiss]

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 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 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 ASSEVBLIES

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)

Bectric 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

CAD data

- Product-specific CAD data (Web)
- 3D Preview (Web)

DWG files

DA-CD-dil_m65_xp1 File (Web)

edz files

DA-CE-ETN.DILM65-XP1
 File
 (Web)

Step files

DA-CS-dil_m65_xp1File (Web)

Additional product information

- Motor starters and "Special Purpose Ratings" for the North American market (PDE)
- 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
- Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts (PDF)
- The Interaction of Contactors with PLCs
 (PDE)
- Busbar Component Adapters for modern Industrial control panels (PDF)

Wiring diagram



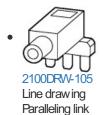
210S103 Line drawing Parallel connectors, 3-pole

Product photo



Photo
Paralleling link

3D drawing



Standards

• XStart
000Z153
Logo
xStart logo

Declaration of Conformity

EU

 DILM40-DILM72 - Contactors & contactor combinations (DA-DC-00004070)
 Asset (PDF)

Download-Center

- Download-Center (this item)
 Eaton EVEA Download-Center download data for this item
- Download-Center
 Eaton BVEA Download-Center

2

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