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Powering Business Worldwide

DILM12-XRL - Reversing wiring kit DILM7 to DILM15



283108 DILM12-XRL

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## 283108 DILM12-XRL

Reversing wiring kit DILM7 to DILM15

Alternate Catalog No.

XTCEXRLB

EL-Nummer (Norway)

4131897

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

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

Product range

Accessories

Accessories

Wiring accessories

Description

Main current wiring for reversing combinations

For use with

DILM7

DILM9

DILM12

For use with

Reversing wiring kit DILM7 to DILM15

### Design verification as per IEC/EN 61439

Technical data for design verification

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

22 A

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

2.2 W

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

6.6 W

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

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  
Reversing switching

## Approvals

Product Standards  
IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking  
UL File No.  
E36332  
UL Category Control No.

NLRV  
CSA File No.  
012528  
CSA Class No.  
3211-05  
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-dilm12\\_xrl](#)  
File  
(Web, Language independent)

## edz files

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

## Step files

- [DA-CS-dilm12\\_xrl](#)  
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



[2211012](#)

Line drawing  
Reversing wiring set

## 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  
(PDF)

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