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PKZM0-XDM12 - Wiring set, For DOL Starter, DILM7-M15



283149 PKZM0-XDM12

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283149 PKZM0-XDM12

Wiring set, For DOL Starter, DILM7-M15

Alternate Catalog No.

XTPAXTPCB

EL-Nummer (Norway)

4365079

Wiring set can be used for DOL starter for PKZM0 + DILM7, PKZM0 + DILM9, PKZM0 + DILM12, PKZM0 + DILM15

- Delivery program

Design verification as per IEC/EN 61439

- Technical data ETIM 7.0

- Approvals

Delivery program

Product range

Accessories

Accessories

Wiring set

For DOL Starter

For use with

PKZM0, FKE + DILM7

PKZM0, FKE + DILM9

PKZM0, FKE + DILM12

PKZM0, FKE + DILM15

DS7-34...SX004...

DS7-34...SX007...

DS7-34...SX009...

DS7-34...SX012...

Equipment supplied:

Mechanical connection element for PKZM0 and contactor + main current wiring between PKZM0 and contactor with tool-less plug connection + cable routing

Instructions

Use as auxiliary contact DILA-XHIT...

Cannot be combined with NHI-E...PKZ0-C.

U_e □ 415 V

Rated operational voltage [U_e]

415 V AC

Rated operational current [I_b]

15 A

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_r]

15.5 A

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

0.5 W

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

1.5 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.

+55 °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

Direct circuit

Approvals

Product Standards

UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking

UL File No.

E36332

UL Category Control No.

NLRV

CSA File No.

165628

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-pkzm0_xd_m12](#)
File
(Web)

edz files

- [DA-CE-ETN.PKZM0-XDM12](#)
File
(Web)

Step files

- [DA-CS-pkzm0_xd_m12](#)
File
(Web)

Additional product information

- [Motor starters and "Special Purpose Ratings" for the North American market](#)
(PDF)
- [Busbar Component Adapters for modern Industrial control panels](#)
(PDF)

Product photo



1210PIC-107

Photo

DOL starter wiring set

3D drawing



1210DRW-225

Line drawing

Direct-on-line starter wiring set

Instruction Leaflet

- [Wiring kits direct-on-line starter \(IL034017ZU\)](#)
Asset
Internal packing pressure, wiring set, DOL starter
(PDF, multilingual)

Declaration of Conformity

EU

- [PKZM0 \(DA-DC-00003629\)](#)
Asset
(PDF)
- [Accessories motor-protective circuit breaker \(DA-DC-00003908\)](#)
Asset
(PDF)
- [PKZM0-T \(DA-DC-00004064\)](#)
Asset
(PDF)
- [PKE12 \(DA-DC-00004073\)](#)
Asset
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- [PKM0 \(DA-DC-00004075\)](#)
Asset
(PDF)
- [PKZM0 -EA \(DA-DC-00004076\)](#)
Asset
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