

# Specifications



## Eaton 283149

Eaton Moeller® series PKZM0 Wiring set, For DOL Starter, DILM7-M15

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series PKZM0 Accessory Wiring set
<b>CATALOG NUMBER</b>	283149
<b>EAN</b>	4015082831493
<b>PRODUCT LENGTH/DEPTH</b>	91 mm
<b>PRODUCT HEIGHT</b>	67 mm
<b>PRODUCT WIDTH</b>	45 mm
<b>PRODUCT WEIGHT</b>	0.058 kg
<b>CERTIFICATIONS</b>	UL UL File No.: E36332 CSA-C22.2 No. 14 CE CSA IEC/EN 60947-4-1 CSA Class No.: 3211-05 CSA File No.: 165628 UL 508 UL Category Control No.: NLRV
<b>CATALOG NOTES</b>	Cannot be combined with NHI-E...PKZ0-PI. Ue □ 415 V
<b>MODEL CODE</b>	PKZM0-XDM12



Powering Business Worldwide

## General information

### ACCESSORIES

Cable routing, main current wiring between PKZM0 and contactor with tool-less plug connection, mechanical connection element for PKZM0 and contactor included with supplied equipment.

<b>MODEL</b>	Direct circuit
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<b>PRODUCT CATEGORY</b>	Accessories
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<b>TYPE</b>	Wiring set
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## Electrical rating

<b>RATED OPERATIONAL CURRENT (IE)</b>	15 A
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<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	415 VAC
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## Climatic environmental conditions

<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
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<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
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## Design verification

<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	1.5 W
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<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
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<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0.5 W
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<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	15.5 A
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<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
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<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
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<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
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<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
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<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
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<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
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<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
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<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Resources

BROCHURES	<a href="#">eaton-push-in-technology-product-overview-brochure-br034012-en-us.pdf</a> <a href="#">eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf</a>
CATALOGUES	<a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a> <a href="#">Product Range Catalog Switching and protecting motors</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-accessory-declaration-of-conformity-uk251183en.pdf</a> <a href="#">eaton-accessory-declaration-of-conformity-eu250700en.pdf</a>
DRAWINGS	<a href="#">eaton-manual-motor-starters-wiring-pkzm0-wiring-set-3d-drawing.eps</a>
ECAD MODEL	<a href="#">ETN.283149.edz</a>
INSTALLATION INSTRUCTIONS	<a href="#">IL034017ZU</a>
INSTALLATION VIDEOS	<a href="#">WIN-WIN with push-in technology</a>
MCAD MODEL	<a href="#">pkzm0_xd_m12.stp</a> <a href="#">pkzm0_xd_m12</a>
SALES NOTES	<a href="#">eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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