

Specifications



Eaton 281190

Eaton Moeller® series DILM Star-point bridge, For use with DILM7 - DILM15

General specifications

PRODUCT NAME	Eaton Moeller® series DILM star-point bridge
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CATALOG NUMBER	281190
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MODEL CODE	DILM12-XS1
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EAN	4015082811907
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PRODUCT LENGTH/DEPTH	30 mm
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PRODUCT HEIGHT	4 mm
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PRODUCT WIDTH	27 mm
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PRODUCT WEIGHT	0.003 kg
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CERTIFICATIONS	UL CSA CSA File No.: 012528 UL File No.: E36332 CSA Class No.: 3211-05 UL 508 UL Category Control No.: NLRV CSA-C22.2 No. 14-05 CE IEC/EN 60947-4-1
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CATALOG NOTES	Use as auxiliary contact DILA-XHIT...
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Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 60 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

Design verification

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.

10.2.2 CORROSION RESISTANCE

Meets the product standard's requirements.

10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES

Meets the product standard's requirements.

10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT

Meets the product standard's requirements.

10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS

Meets the product standard's requirements.

10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION

Meets the product standard's requirements.

10.2.5 LIFTING

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

10.2.6 MECHANICAL IMPACT

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

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

Does not apply, since the

AGAINST ELECTRIC SHOCK	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.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	22 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

General information

ACCESSORY/SPARE PART TYPE Connecting bridge

PRODUCT CATEGORY Accessories

Resources

	SmartWire-DT Catalog
	Product Range Catalog Switching and protecting motors
CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251278en.pdf eaton-accessory-declaration-of-conformity-eu250795en.pdf

DRAWINGS	eaton-star-delta-starters-dilm-accessory-3d-drawing.eps
ECAD MODEL	ETN.281190.edz
INSTALLATION INSTRUCTIONS	eaton-wiring-kits-dilm7-to-dilm12-il03407035z.pdf
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	dil_m12_xs1.stp eaton-accessories-mcad-drawings-dil-m12-xs1.dwg
WIRING DIAGRAMS	eaton-contactors-dilm-accessory-wiring-diagram.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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