

Specifications



Eaton 139561

Eaton Moeller® series DILM Cable terminal block, for DILM185A/225A

General specifications

PRODUCT NAME	Eaton Moeller® series DILM cable terminal block
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CATALOG NUMBER	139561
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MODEL CODE	DILM225A-XKU-S
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EAN	4015081363391
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PRODUCT LENGTH/DEPTH	117 mm
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PRODUCT HEIGHT	44 mm
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PRODUCT WIDTH	116 mm
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PRODUCT WEIGHT	0.484 kg
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CERTIFICATIONS	IEC/EN 60947-4-1 CE CSA-C22.2 No. 60947-4-1-14 UL 60947-4-1 UL Category Control No.: NLDX CSA File No.: 2389068 CSA CSA Class No.: 3211-04 UL File No.: E29096 UL
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CATALOG NOTES	Consisting of 3 box terminals
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Climatic environmental conditions

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

**AMBIENT OPERATING
TEMPERATURE - MIN** -40 °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)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

General information

ACCESSORY/SPARE PART TYPE	Connection terminal
CONNECTION	Connection options: round conductors, flexible and stranded, ribbon cables.
FITTED WITH:	Control cable connection
PRODUCT CATEGORY	Accessories

Terminal capacities

TERMINAL CAPACITY	1 x (16 - 185) mm ² , solid, Main cables 2 x (16 - 150) mm ² , solid, Main cables 1 x (16 - 150) mm ² , flexible with ferrule, Main cables 2 x (16 - 120) mm ² , flexible with ferrule, Main cables 1 x (3 x 9 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable 2 x (10 x 16 x 0.8) mm (Number of segments x width x thickness), Flat conductor, Main cable 1 x (6 AWG-350 MCM) 2 x (6 AWG-350 MCM)
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14 Nm, Screw terminals,
Main cables
1 x (0.75 - 4) mm², solid,
Control circuit cables
2 x (0.75 - 4) mm², solid,
Control circuit cables
1 x (0.75 - 2.5) mm²,
flexible with ferrule,
Control circuit cables
2 x (0.75 - 2.5) mm²,
flexible with ferrule,
Control circuit cables
18 - 14, Control circuit
cables
1.2 Nm, Screw terminals,
Control circuit cables

Resources

BROCHURES	eaton-product-brochure-dilmdilh-power-contactors-brochure-br034010en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-eu250821en.pdf eaton-accessory-declaration-of-conformity-uk251304en.pdf
DRAWINGS	eaton-contactors-cable-dilm-accessory-3d-drawing.eps
INSTALLATION INSTRUCTIONS	eaton-contactor-accessories-dilm-x-il03406009z.pdf
MCAD MODEL	eaton-accessories-mcad-drawings-dilm225a-xku-s.dwg eaton-contactors-starters-accessories-3d-models-dilm225a-xku-s.stp

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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