

Specifications



Eaton 281185

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, RDC 24: 24 - 27 V DC, DC, For use with: DILM40, DILM50, DILM65, DILM72, DILMP63, DILMP80

General specifications

PRODUCT NAME	Eaton Moeller® series DILM replacement coil
CATALOG NUMBER	281185
MODEL CODE	DILM65-XSP(RDC24)
EAN	4015082811853
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	52 mm
PRODUCT WIDTH	56 mm
PRODUCT WEIGHT	0.244 kg
CERTIFICATIONS	UL 508 CSA Class No.: 2411-03, 3211-04 CE UL CSA CSA-C22.2 No. 14-05 UL Category Control No.: NLDX CSA File No.: 012528 IEC/EN 60947-4-1 UL File No.: E29096

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX 60 °C

AMBIENT OPERATING TEMPERATURE - MIN -25 °C

Design verification

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.

10.2.5 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 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

Is the panel builder's

EXTERNAL CONDUCTORS	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.

General information

ACCESSORIES Individual coils

PRODUCT CATEGORY Accessories

VOLTAGE TYPE DC

Magnet system

RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX 27 V

RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN 24 V

Resources

CATALOGUES [eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

DRAWINGS [eaton-contactors-dilm-replacement-coil-3d-drawing.eps](#)

ECAD MODEL [ETN.281185.edz](#)

INSTALLATION INSTRUCTIONS [IL03407041Z](#)

INSTALLATION VIDEOS [WIN-WIN with push-in technology](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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