

Specifications



Eaton 208292

Eaton Moeller® series DILM Paralleling link,
for DILM185, (2 off)

General specifications

PRODUCT NAME	Eaton Moeller® series DILM paralleling link
CATALOG NUMBER	208292
MODEL CODE	DILM185-XP1
EAN	4015082082925
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	120 mm
PRODUCT WEIGHT	1.45 kg
COMPLIANCES	CE
CATALOG NOTES	AC1 current carrying capacity of the open contactor increases by a factor of 2.5

AC-1/Conventional thermal current Ith

**CONVENTIONAL
THERMAL CURRENT ITH
OF MAIN CONTACTS (1-
POLE, OPEN)** 700 A

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

General information

ACCESSORY/SPARE PART TYPE	Connecting bridge
FITTED WITH:	Cover for busbar tag shroud
PRODUCT CATEGORY	Accessories
PROTECTION	Protected against accidental contact in accordance to VDE 0106 part 100

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

Terminal capacities

SCREW SIZE

5 mm AF, Hexagon socket-head spanner, Terminal screw

TERMINAL CAPACITY

2 x (0.75 - 2.5) mm², flexible with ferrule
2 x (0.75 - 4) mm², solid, Control circuit cables
2 x (20 x 32 x 0.5) mm (Number of segments x width x thickness), Flat conductor
1 x (0.75 - 2.5) mm², flexible with ferrule
2 x (11 x 21 x 1) mm (Number of segments x width x thickness), Flat conductor
1 x (0.75 - 4) mm², solid
1 x (6 x 16 x 0.8) mm (Number of segments x width x thickness), Flat conductor

TIGHTENING TORQUE

6 Nm, Screw terminal

Resources

BROCHURES

[eaton-product-brochure-dilmdilh-power-contactors-brochure-br034010en-en-us.pdf](#)

DECLARATIONS OF CONFORMITY

[eaton-accessory-declaration-of-conformity-uk251304en.pdf](#)

[eaton-accessory-declaration-of-conformity-eu250821en.pdf](#)

DRAWINGS

[210I152](#)

ECAD MODEL

[ETN.DILM185-XP1](#)

INSTALLATION INSTRUCTIONS

[eaton-contactor-accessories-dilm-x-il03406009z.pdf](#)

MCAD MODEL

[eaton-contactors-starters-accessories-mcad-drawings-dil-m185-xp1.dwg](#)

[eaton-accessories-mcad-drawings-dil-m150-xp1.dwg](#)

[eaton-contactors-starters-accessories-mcad-3d-models-dil-m185-xp1.stp](#)

WIRING DIAGRAMS

[eaton-contactors-dilm-paralleling-link-wiring-diagram-002.eps](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

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