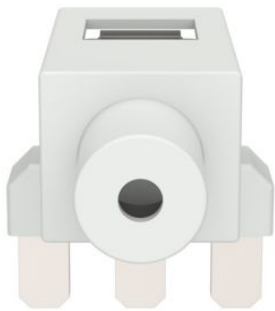


Specifications



Eaton 281195

Eaton Moeller® series DILM Paralleling link,
for DILM40-65

General specifications

PRODUCT NAME	Eaton Moeller® series DILM paralleling link
CATALOG NUMBER	281195
MODEL CODE	DILM65-XP1
EAN	4015082811952
PRODUCT LENGTH/DEPTH	77 mm
PRODUCT HEIGHT	53 mm
PRODUCT WIDTH	47 mm
PRODUCT WEIGHT	0.24 kg
CERTIFICATIONS	CSA File No.: 012528 UL 508 UL File No.: E29096 IEC/EN 60947-4-1 UL UL Category Control No.: NLDX CE CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA
CATALOG NOTES	AC1 current carrying capacity of the open contactor increases by a factor of 2.5

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	60 °C
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AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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Conventional thermal current Ith

CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	180 A
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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
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	1.5 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.5 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	215 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	1 x (16 - 120) mm², stranded, Main cables 1 x (16 - 120) mm², flexible with ferrule, Main cables 16 mm², solid
TIGHTENING TORQUE	14 Nm, Screw terminal

Resources

CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251279en.pdf eaton-accessory-declaration-of-conformity-eu250796en.pdf
DRAWINGS	eaton-contactors-dilm-paralleling-link-3d-drawing.eps
ECAD MODEL	ETN.DILM65-XP1
INSTALLATION VIDEOS	WIN-WIN with push-in technology

MCAD MODEL	eaton-accessories-mcad-drawings-dil-m65-xp1.dwg dil_m65_xp1.stp
WIRING DIAGRAMS	eaton-contactors-dilm-paralleling-link-wiring-diagram-002.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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