Specifications





Eaton 240086

Eaton Moeller® series DILM Three-phase busbar link for 5 DILM7-12

General specifications

PRODUCT NAME	Eaton Moeller® series DILM three-phase busbar link
CATALOG NUMBER	240086
MODEL CODE	DILM12-XDSB0/5
EAN	4015082400866
PRODUCT LENGTH/DEPTH	202 mm
PRODUCT HEIGHT	12 mm
PRODUCT WIDTH	25 mm
PRODUCT WEIGHT	0.07 kg
CERTIFICATIONS	CE UL UL Category Control No.: NLRV CSA Class No.: 2411-03 UL File No.: E36332 CSA File No.: 012528 CSA-C22.2 No. 14-05 IEC/EN 60947-4-1 UL 508 CSA

Powering Business Worldwide

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	2.4 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.8 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	35 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Electrical rating

RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED UNINTERRUPTED CURRENT (IU)	35 A

Features & functions

COLOR	Black
ELECTRIC CONNECTION TYPE	Pin
FEATURES	Insulated
FUNCTIONS	Can be extended by rotating installation (∑ Iu ≤ 35 A)
NUMBER OF PHASES	3
NUMBER OF POLES	Three-pole

General information

PRODUCT CATEGORY	Accessories

Resources

CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251277en.pdf eaton-accessory-declaration-of-conformity-eu250794en.pdf
DRAWINGS	eaton-contactors-busbar-dilm-accessory-dimensions-003.eps eaton-contactors-busbar-dilm-accessory-3d-drawing-002.eps
ECAD MODEL	ETN.240086.edz
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	dilm12_xdsb0_5.stp eaton-busbar-mcad-drawings-dilm12-xdsb0-5.dwg

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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