

DIL CONTACTORS
281227



Overview



Specifications



Resources

How to

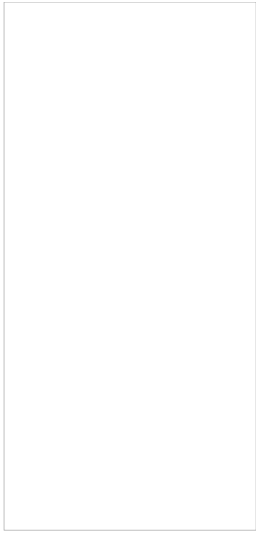
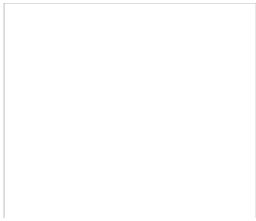
281227

Eaton Moeller® series DILM Connector, for DILA,



[WIN-WIN with Push-in Terminals](#)

[How to improve wiring](#)



Designed to work together

Discover other Eaton products and accessories built to enhance this product.

199288

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 11 kW, 1 N/O, 1 NC, RDC 24: 24 - 27 V DC, DC operation, Push in terminals

199234

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 4 kW, 1 NC, 230 V 50 Hz, 240 V 60 Hz, AC operation, Push in terminals

199242

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 N/O, 42 V 50 Hz, 48 V 60 Hz, AC operation, Push in terminals

199291

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 15 kW, 1 N/O, 1 NC, 24 V 50/60 Hz, AC operation, Push in terminals

[View more](#)

[View less](#)

GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton Moeller® series DILM connector
		CATALOG NUMBER	281227
Product specifications	>	MODEL CODE	DILM32-XVB
		EAN	4015082812270
		PRODUCT LENGTH/DEPTH	15.6 mm
		PRODUCT HEIGHT	5.6 mm
		PRODUCT WIDTH	22 mm
		PRODUCT WEIGHT	1.22 g
		CERTIFICATIONS	CE IEC/EN 60947-4-1 CSA Class No.: 3211-05 UL File No.: E36332 UL Category Control No.: NLRV UL Recognized CSA CSA-C22.2 No. 14-05 CSA File No.: 012528 UL 508

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
PRODUCT CATEGORY	Accessories
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
ACCESSORY/SPARE PART TYPE	Connecting bridge
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
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.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
DISTANCE	0 mm distance between relays.
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	Not applicable.
FUNCTIONS	For mechanically linking contactor relays in combination.
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be tested.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be tested.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be tested.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be tested.
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W

Catalogs

Drawings

eCAD model

Installation videos

mCAD model

281227



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.