DIL CONTACTORS
281199

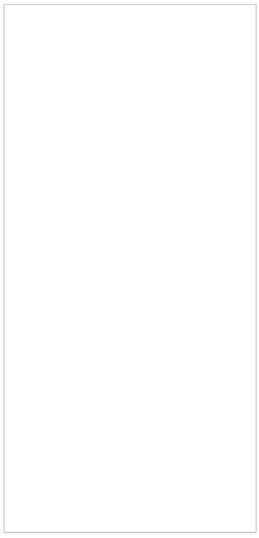

Photo is representative

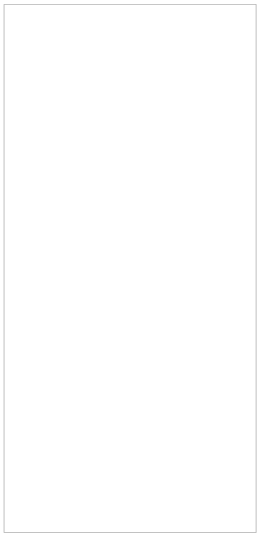

Photo is representative

281199

Eaton Moeller® series DILM RC suppressor circuit
DILM7 - DILM15, DILMP20, DILA

WIN-WIN with Push-in Terminals

How to improve wiring

Photo is representative

Photo is representative

Designed to work together

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

100418

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 11 kW, 24 V DC, DC operation

101381

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 7.5 kW, 400 V 50 Hz, AC operation

101382

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 11 kW, 400 V 50 Hz, AC operation

199247

Eaton Moeller® series DILM Co pole, 380 V 400 V 5.5 kW, 1 N Hz, 48 V 60 Hz, AC operation, terminals

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General specifications >

Product specifications >

GENERAL SPECIFICATIONS

PRODUCT NAME	Eaton Moeller® series DILM RC suppressor circuit
CATALOG NUMBER	281199
MODEL CODE	DILM12-XSPR48
EAN	4015082811990
PRODUCT LENGTH/DEPTH	48 mm
PRODUCT HEIGHT	25 mm
PRODUCT WIDTH	9 mm
PRODUCT WEIGHT	0.007 kg
CERTIFICATIONS	CE CSA File No.: 256465 IEC/EN 60947-4-1 UL Category Control No.: NKCR2, NKCR8 UL 508 CSA CSA-C22.2 No. 14-05 UL Recognized CSA Class No.: 3211-07 UL File No.: E29184
CATALOG NOTES	With DC operated contactors and with DILM115 ar suppressor is integrated.

PRODUCT SPECIFICATIONS

PRODUCT CATEGORY	Accessories
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specificatio must be observed.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
OPERATING VOLTAGE AT AC, 50 HZ - MAX	48 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	24 V
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.

10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specificatio must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to
OPERATING VOLTAGE AT DC - MAX	0 V
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	0 V
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	48 V
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.
OPERATING VOLTAGE AT AC, 60 HZ - MAX	48 V
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
OPERATING VOLTAGE AT DC - MIN	0 V
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
VOLTAGE TYPE OF OPERATING VOLTAGE	AC
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	24 V
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
FUNCTIONS	RC-element
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
OPERATING VOLTAGE AT AC, 60 HZ - MIN	24 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	0 V
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
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
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	48 V
USED WITH	DILM12-XSPR48
OPERATING VOLTAGE AT AC, 50 HZ - MIN	24 V
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
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
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
VOLTAGE TYPE	AC

Catalogs

Certification reports

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

Wiring diagrams

281199

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.