

Specifications



Photo is representative



Eaton 281217

Eaton Moeller® series DILM Varistor suppressor circuit, 48 - 130 AC V, For use with: DILM40 - DILM95, DILK33 - DILK50, DILMP63 - DILMP200

General specifications

PRODUCT NAME	Eaton Moeller® series DILM varistor suppressor circuit
CATALOG NUMBER	281217
MODEL CODE	DILM95-XSPV130
EAN	4015082812171
PRODUCT LENGTH/DEPTH	43 mm
PRODUCT HEIGHT	25 mm
PRODUCT WIDTH	9 mm
PRODUCT WEIGHT	0.005 kg
CERTIFICATIONS	CSA UL 508 CE CSA Class No.: 3211-07 CSA File No.: 256465 IEC/EN 60947-4-1 UL Category Control No.: NKCR2, NKCR8 CSA-C22.2 No. 14-05 UL File No.: E29184 UL Recognized
CATALOG NOTES	With DC operated contactors and with DILM115 and DILM150 the suppressor is integrated.



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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	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

Features & functions

FUNCTIONS

Varistor (voltage-sensitive resistor)

General information

PRODUCT CATEGORY

Accessories

VOLTAGE TYPE

AC

Magnet system

**RATED CONTROL SUPPLY
VOLTAGE (US) AT AC, 50
HZ - MAX** 130 V

**RATED CONTROL SUPPLY
VOLTAGE (US) AT AC, 50
HZ - MIN** 48 V

**RATED CONTROL SUPPLY
VOLTAGE (US) AT AC, 60
HZ - MAX** 130 V

**RATED CONTROL SUPPLY
VOLTAGE (US) AT AC, 60
HZ - MIN** 48 V

**RATED CONTROL SUPPLY
VOLTAGE (US) AT DC -
MAX** 0 V

**RATED CONTROL SUPPLY
VOLTAGE (US) AT DC -
MIN** 0 V

Resources

CATALOGUES [eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

DRAWINGS [eaton-contactors-dilm-accessory-dimensions-003.eps](#)

ECAD MODEL [ETN.281217.edz](#)

INSTALLATION
INSTRUCTIONS [eaton-dil-contactors-instruction-leaflet-il03407039z.pdf](#)

INSTALLATION VIDEOS [WIN-WIN with push-in technology](#)

[DA-CS-dil_m_xsp_b](#)

MCAD MODEL [eaton-surge-protectors-mcad-drawings-dil-m-xsp-b.dwg](#)

WIRING DIAGRAMS [eaton-timers-suppressor-dilm-accessory-wiring-diagram.eps](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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