DATASHEET - DILM12-XSPD

Diode suppressor, for DILA, M7-15

Part no.	**DILM12-XSPD**
	101672
EL Number (Norway)	**4110192**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series DILM diode suppressor
Part no.	DILM12-XSPD
EAN	4015081015641
Product Length/Depth	48 millimetre
Product height	25 millimetre
Product width	9 millimetre
Product weight	0.004 kilogram
Certifications	CSA Class No.: 3211-07 IEC/EN 60947-4-1 CSA UL File No.: E29184 UL 508 UL Recognized CE UL Category Control No.: NKCR2, NKCR8 CSA File No.: 256465 CSA-C22.2 No. 14-05
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Diode suppressor

Features & Functions

Functions	Diode

General information

Product category	Accessories
Used with	DILM12-XSPD
Voltage type	DC

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C

Magnet system

Rated control supply voltage (Us) at AC, 50 Hz - min	0 V
Rated control supply voltage (Us) at AC, 50 Hz - max	0 V
Rated control supply voltage (Us) at AC, 60 Hz - min	0 V
Rated control supply voltage (Us) at AC, 60 Hz - max	0 V
Rated control supply voltage (Us) at DC - min	12 V
Rated control supply voltage (Us) at DC - max	250 V

Design verification

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
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 against electric shock			Does not apply, since the 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.
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.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Surge protection module (EC000683)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Overvoltage limiter (ecl@ss10.0.1-27-37-10-13 [AKF022013])			
Function			Diode
Rated control supply voltage Us at AC 50HZ		V	0 - 0
Rated control supply voltage Us at AC 60HZ		V	0 - 0
Rated control supply voltage Us at DC		V	12 - 250
Voltage type for actuating			DC
With LED indication			No

© 04/2023 by Eaton Industries GmbH