DATASHEET - DX-EMC34-031-FS4-L



EMC filter for frequency converter, 3-phase 520 V, 31 A

Part no.	**DX-EMC34-031-FS4-L**
	174608
EL Number (Norway)	**4110109**

General specifications	
Product name	Eaton DX Radio interference suppression filter - low
Part no.	DX-EMC34-031-FS4-L
EAN	4015081710638
Product Length/Depth	240 millimetre
Product height	500 millimetre
Product width	110 millimetre
Product weight	4 kilogram
Certifications	IEC/EN 61800-3 EN 50178
Product Tradename	DX
Product Type	Accessory
Product Sub Type	Radio interference suppression filter - low
Catalog Notes	low leakage current
Features & Functions	
Number of phases	3
General information	
Accessory/spare part type	Filter
Degree of protection	IP20, when connected IP00 IP20
Product Category	Accessories
Used with	DM1 DG1 DC1 DA1
Climatic environmental conditions	
Altitude	At higher altitudes observe derating Max. 2000 m
Connection	
Connection type	Connection terminal, PE stud, prefabricated cables
Electrical rating	
Rated operational current (Ie) - max	31 A
Design verification	
Rated operational current for specified heat dissipation (In)	31 A
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.

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