Eaton 172287

Eaton DX Radio interference suppression filter, three-phase, ULN= max. 520 + 10% V, 180 A, For use with: DA1

PRODUCT NAME	Eaton DX Radio interference suppression filter
CATALOG NUMBER	172287
PRODUCT LENGTH/DEPTH	180 mm
PRODUCT HEIGHT	440 mm
PRODUCT WIDTH	128 mm
PRODUCT WEIGHT	9.8 kg
CERTIFICATIONS	UL UL File No.: E192040 IEC/EN 61800-3 EN 50178 Certified by UL for use in Canada UL 1283

Powering Business Worldwide

USED WITH	DA1 DG1
PRODUCT CATEGORY	Accessories
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.

DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251071en.pdf
MCAD MODEL	dx_emc34_180.stp dx_emc34_180.dwg
	eaton-powerxl-dx-emc-rfi-filter-il04012018z.pdf
	eaton-powerxl-da1-installation-manual-mn04020005z-en-us.pdf
	eaton-regulating-equipment-options-suppressor-dx-accessory-3d-drawing-002.eps

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.
ACCESSORY/SPARE PART TYPE	Filter
ALTITUDE	At higher altitudes observe derating Max. 2000 m
AMBIENT OPERATING TEMPERATURE - MAX	50 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	150 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF PHASES	3
MAINS VOLTAGE TOLERANCE	Max. 520 V (+10 %)
CONNECTION TYPE	Screw terminal, PE stud
DEGREE OF PROTECTION	IP20
MOUNTING METHOD	Separate mounting
RATED OPERATIONAL	180 A

CURRENT (IE) - MAX	
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	180 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	

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