

Eaton 184504

Eaton DX Radio interference suppression filter, three-phase, ULN= max. 520 + 10% V, 55 A, For use with: DC1, DA1, DG1

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| PRODUCT NAME | Eaton DX Radio interference suppression filter |
| CATALOG NUMBER | 184504 |
| PRODUCT LENGTH/DEPTH | 255 mm |
| PRODUCT HEIGHT | 95 mm |
| PRODUCT WIDTH | 85 mm |
| PRODUCT WEIGHT | 2.5 kg |
| CERTIFICATIONS | UL 1283 IEC/EN 61800-3 Certified by UL for use in Canada EN 50178 UL UL File No.: E192040 |

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| USED WITH | DA1 |
| | DC1 |
| | DG1 |
| | DM1 |
| 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. |

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| DECLARATIONS OF CONFORMITY | DA-DC-00004606.pdf |
| MCAD MODEL | dx_emc34_055.stp dx_emc34_055.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.eps |

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| 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. |
| ACCESSORY/SPARE PART TYPE | Filter |
| ALTITUDE | Max. 2000 m At higher altitudes observe derating |
| AMBIENT OPERATING TEMPERATURE - MAX | 50 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 30 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 |

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| MOUNTING METHOD | Separate mounting |
| RATED OPERATIONAL CURRENT (IE) - MAX | 55 A |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 55 A |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0 W |

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| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
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