


EMC filter for frequency converter, 3-phase 520 V, 75 A

Part no. DX-EMC34-075-FS5-L
Catalog No. 174610
Alternate Catalog No. DX-EMC34-075-FS5-L
EL-Nummer (Norway) 4110111

Delivery program

| | | | |
|---------------------------|----------|----|--|
| Description | | | three-phase low leakage current |
| Mains voltage (50/60Hz) | U_{LN} | V | max. 520 + 10% |
| Rated operational current | I_e | A | 75 |
| For use with | | | DA1 |
| Degree of Protection | | | IP00 IP20 when connected |
| Connection type | | | Connection terminal, PE stud, prefabricated cables |
| Weight | m | kg | 10 |
| Notes | | | Base-mounted filter, side-mounting filter |

Technical data
General

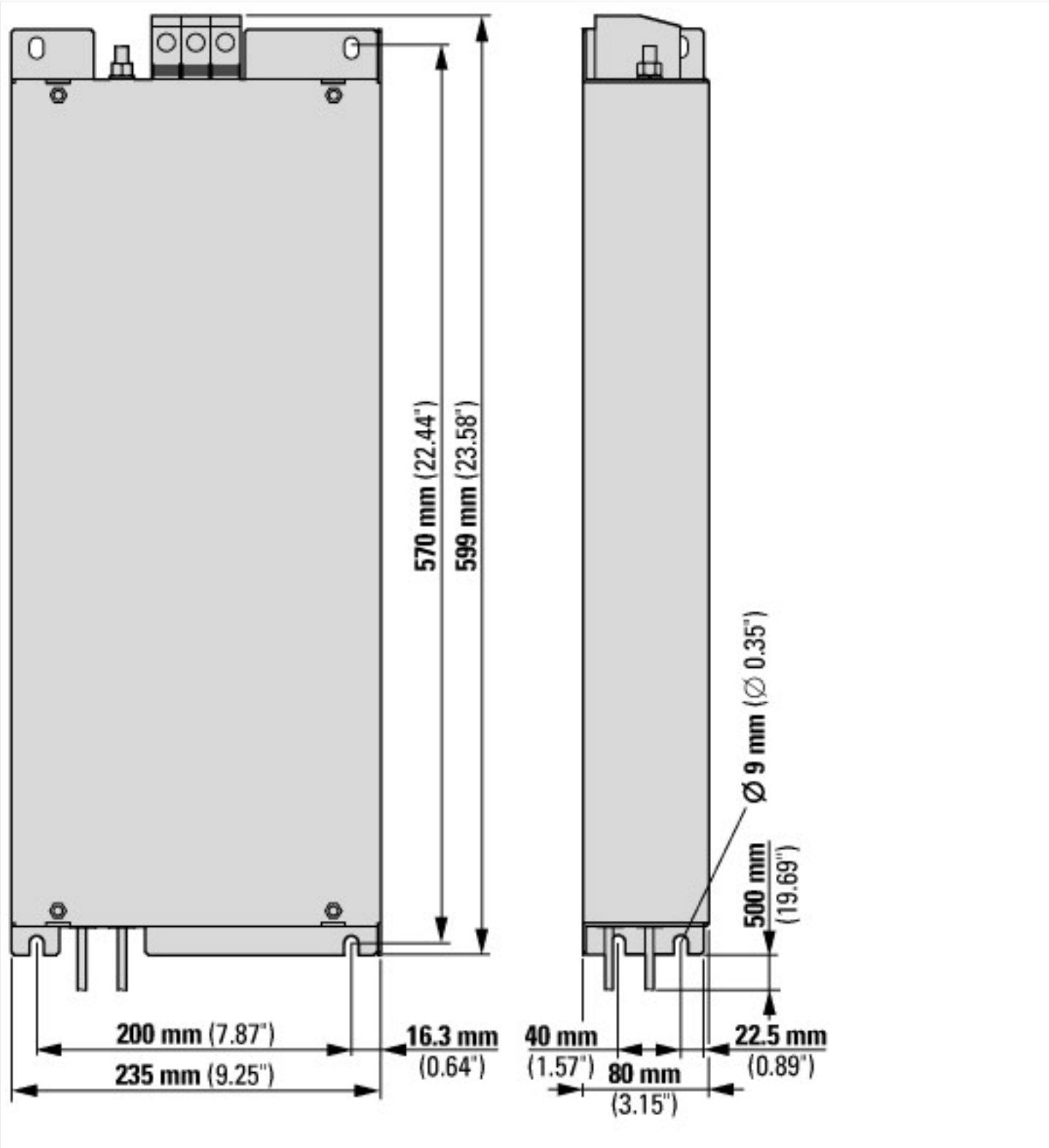
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|--------------------------|--|---|---|
| Standards | | | EN 50178, IEC 61800-3, EN 61800-3 incl. A11 |
| Environmental conditions | | | |
| Altitude | | m | Up to 2000 m a.s.l.; observe derating at higher altitudes |
| Degree of Protection | | | IP00 IP20 when connected |

Design verification as per IEC/EN 61439

| | | | |
|--|--|--|--|
| Technical data for design verification | | | |
| Degree of Protection | | | IP20 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | | |
| 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. |

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| 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. |

Dimensions



Additional product information (links)

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|---|---|
| CA04020001Z-EN Product Range Catalog: Efficient Engineering for Starting and Controlling Motors | http://www.eaton.eu/DE/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_1095238.pdf |
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