



Radio interference suppression filter, three-phase, U_{LN}= max. 520 + 10% V, 750 A, For use with: DA1

Part no. DX-EMC34-750
Catalog No. 177636
Alternate Catalog No. DX-EMC34-750

Delivery program

| | | | |
|---------------------------|-----------------|----|--------------------------|
| Description | | | three-phase |
| Mains voltage (50/60Hz) | U _{LN} | V | max. 520 + 10% |
| Rated operational current | I _e | A | 750 |
| For use with | | | DA1 |
| Degree of Protection | | | IP00 |
| Connection type | | | Flat copper bar, PE stud |
| Weight | m | kg | 15,8 |
| Notes | | | Separate mounting |

Technical data

General

| | | | |
|--------------------------|--|---|---|
| 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 |

Design verification as per IEC/EN 61439

| | | | |
|--|-----------------|----|--|
| Technical data for design verification | | | |
| Static heat dissipation, non-current-dependent | P _{vs} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 50 |
| 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. |
| 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. |

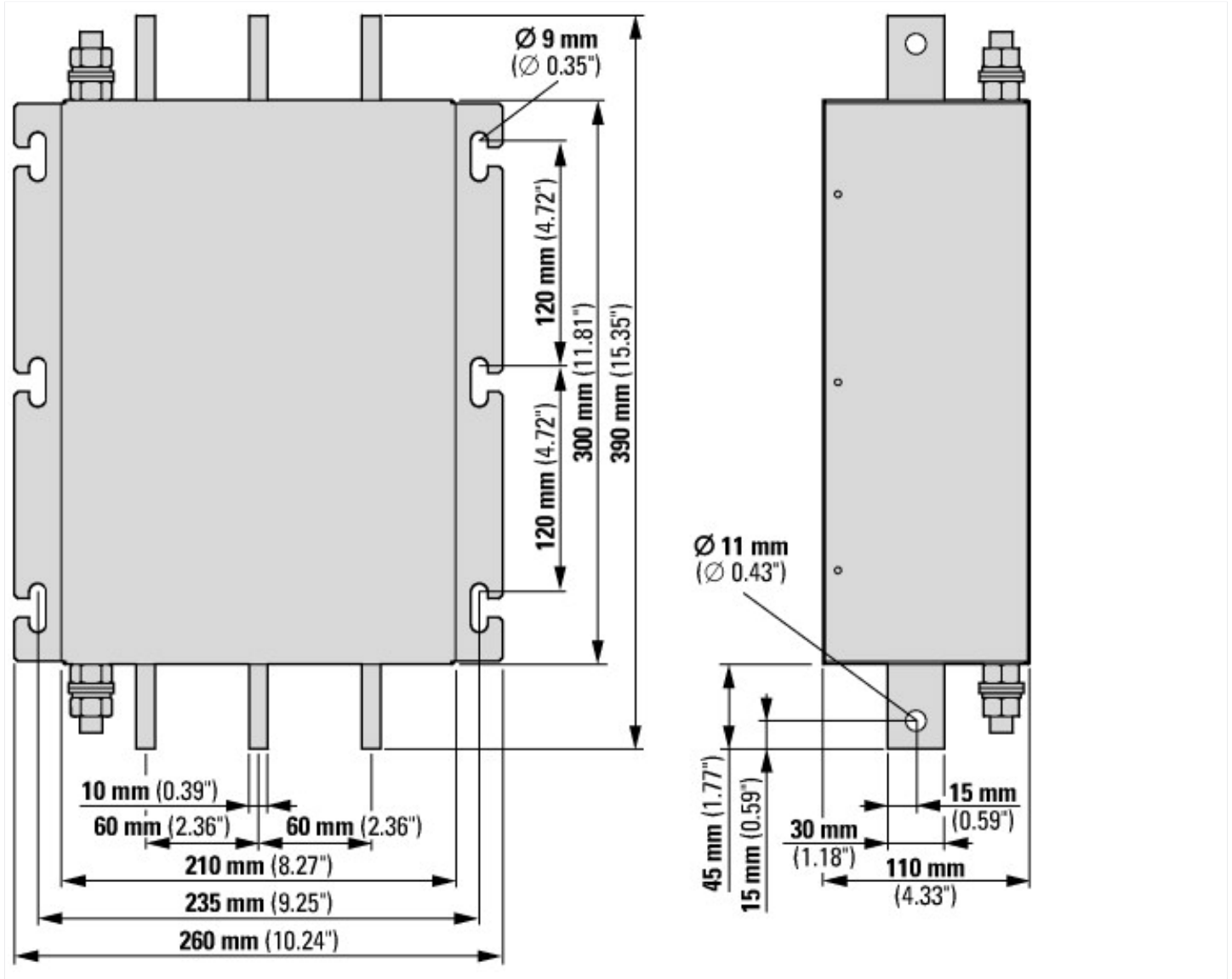
Technical data ETIM 7.0

| | | |
|---|--|--------|
| Low-voltage industrial components (EG000017) / Accessories for frequency controller (EC002025) | | |
| Electric engineering, automation, process control engineering / Electrical drive / Static frequency converter / Static frequency converter (accessory) (ecl@ss10.0.1-27-02-31-92 [AFR303003]) | | |
| Type of accessory | | Filter |

Approvals

| | | |
|-----------------------------|--|--|
| Product Standards | | UL 1283 |
| UL File No. | | E192040 |
| North America Certification | | UL listed, certified by UL for use in Canada |

Dimensions



Assets (links)

Instruction Leaflets

IL04012018Z2018_05

Manuals

MN04020005Z_EN (English)

Additional product information (links)

IL04012018Z*.pdf Radio interference suppression filter for PowerXL

| | |
|--|---|
| IL04012018Z*.pdf Radio interference suppression filter for PowerXL | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04012018Z2018_05.pdf |
|--|---|

MN04020005Z DA1 variable frequency drives, Installation manual

| | |
|--|---|
| MN04020005Z Frequenzumrichter DA1, Installationshandbuch - Deutsch | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04020005Z_DE.pdf |
|--|---|

| | |
|--|---|
| MN04020005Z DA1 variable frequency drives, Installation manual - English | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04020005Z_EN.pdf |
|--|---|

| | |
|---|---|
| MN04020005Z Convertitore di frequenza DA1, manuale Installazione - italiano | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04020005Z_IT.pdf |
|---|---|

| | |
|---|---|
| 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 |
|---|---|