DATASHEET - DX-EMC34-075-FS5

Radio interference suppression filter, three-phase, ULN= max. 520 + 10% V, 75 A, For use with: DA1

Powering Business Worldwide™

Part no.	**DX-EMC34-075-FS5**
Catalog No.	**172284**
Alternate Catalog No.	**DX-EMC34-075-FS5**
EL-Nummer (Norway)	**4110045**

Delivery program

Description			three-phase
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

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

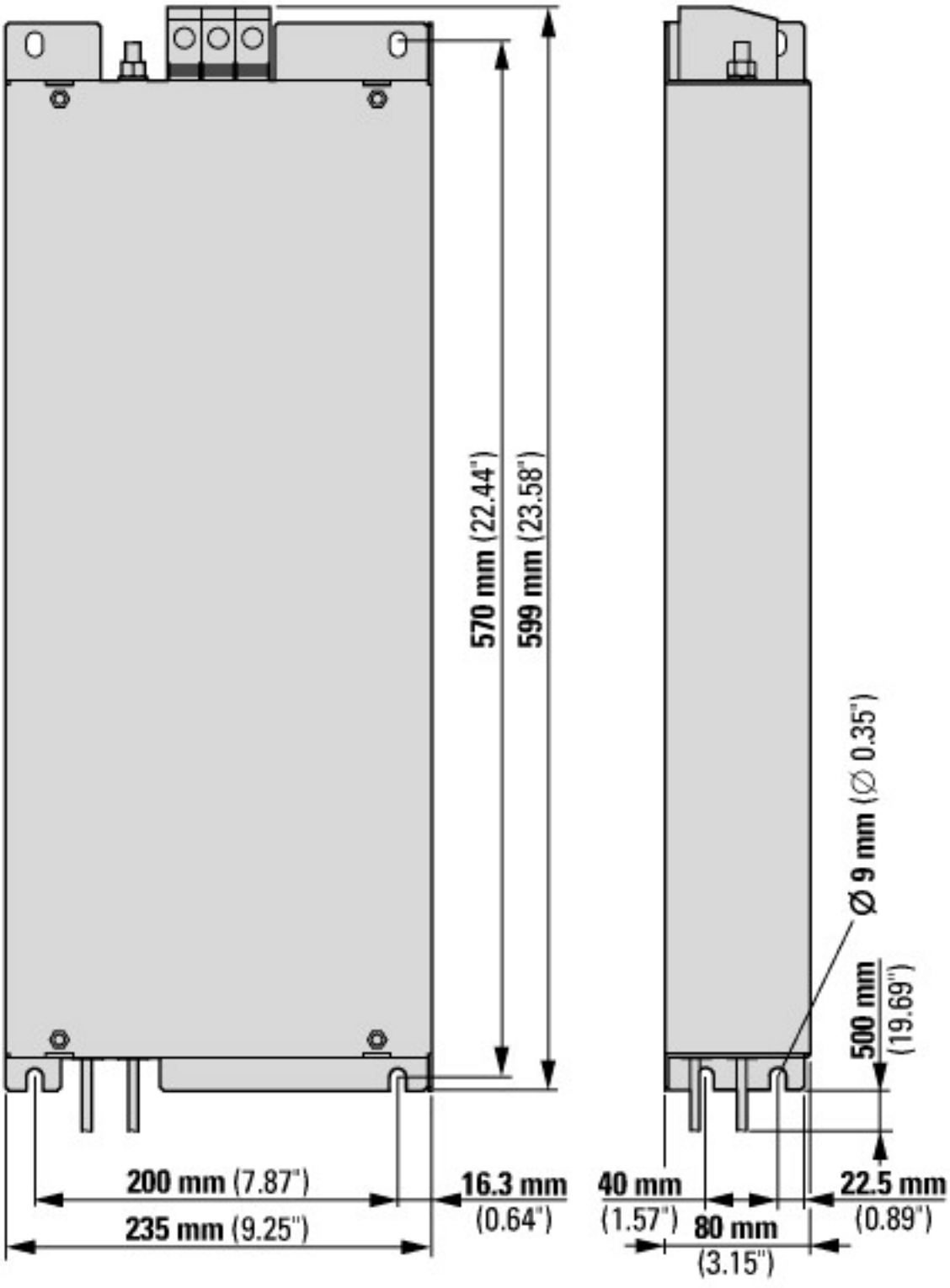
Technical data for design verification			
Degree of Protection			IP20
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's 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.

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

Dimensions



Assets (links)

Instruction Leaflets

IL04012017Z2018_05

Additional product information (links)

IL04012017Z*.pdf EMC filter	
IL04012017Z*.pdf EMC filter	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04012017Z2018_05.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