Part no.	**DX-EMC34-250-L**
Article no.	**174614**
Catalog No.	**DX-EMC34-250-L**

Powering Business Worldwide

Delivery program

Description			three-phase low leakage current
Mains voltage (50/60Hz)	U_{LN}	V	max. 520 + 10%
Rated operational current	I_e	A	250
For use with			DA1
Degree of Protection			IP20
Connection type			Screw terminal, PE stud
Weight	m	kg	12,2
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 drating at higher altitudes
Degree of Protection			IP20

Design verification as per IEC/EN 61439

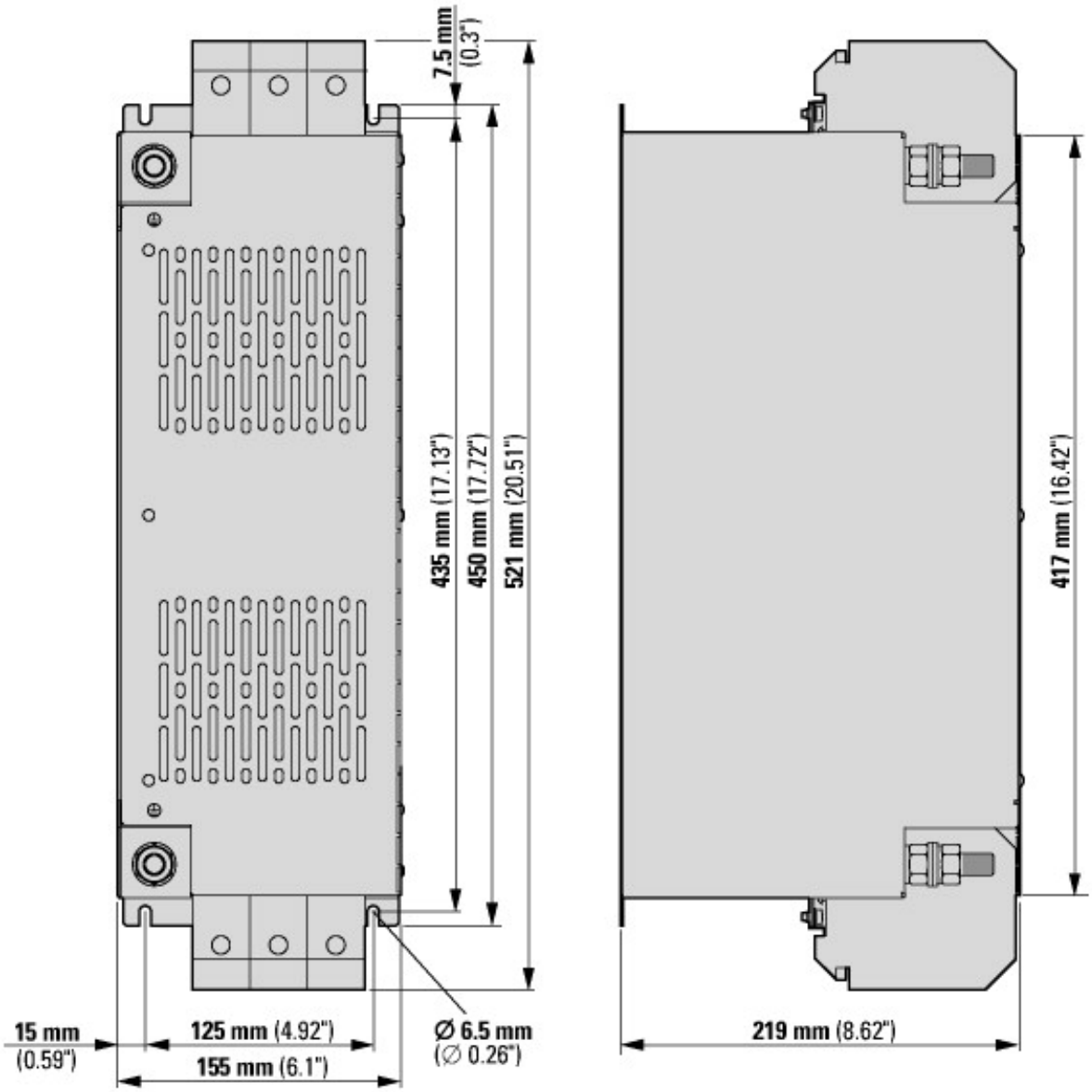
Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	250
Equipment heat dissipation, current-dependent	P_{vid}	W	180
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°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.

Approvals

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

Dimensions



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/IL04012018Z2016_06.pdf
MN04020005Z DA1 variable frequency drives, Installation manual	
MN04020005Z DA1 variable frequency drives, Installation manual - 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
MN040002 PowerXL DG1 Series VFD, Installation Manual	
MN040002 PowerXL DG1 Series VFD, Installation Manual - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN040002_DE.pdf
MN040002 PowerXL DG1 Series VFD, Installation Manual - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN040002_EN.pdf
MN040002 PowerXL DG1 Series VFD, Installation Manual - français	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN040002_FR.pdf

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CA04020001Z-DE Sortimentskatalog: Antriebstechnik effizient gestalten, Motoren starten und steuern	http://www.eaton.eu/DE/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_1095238_de.pdf