



Freq.inv.,3ph (230V, 1.7A; 0.25kW) w/o filter

Part no. **MMX32AA1D7N0-0**
 Article no. **122667**
 Catalog No. **MMX32AA1D7N0-0**

Delivery programme

Product range			M-MAX (MMX)
Rated operational voltage			3 AC 230 V
Mains voltage (50/60Hz)	U_{LN}	V	208 (-15%) - 240 (+10%)
Assigned motor rating			
at 230 V, 50 Hz	P	kW	0.25
			Rated operational current at an operating frequency of 6 kHz and an ambient air temperature of +50 °C
			Assigned motor rating for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm ⁻¹ (at 50 Hz) or 1800 min ⁻¹ (at 60 Hz)
Rated operational current	I_e	A	1.7
Rated motor current			
at 230 V, 50 Hz	I_e	A	1.4
Radio interference suppression filters			without internal radio interference suppression filter
Degree of Protection			IP20/NEMA 0
Brake chopper			without internal brake chopper
Frame size			FS1
Notes			
Cross-reference Increased protection type IP21/NEMA 1, → Accessories			

Technical data

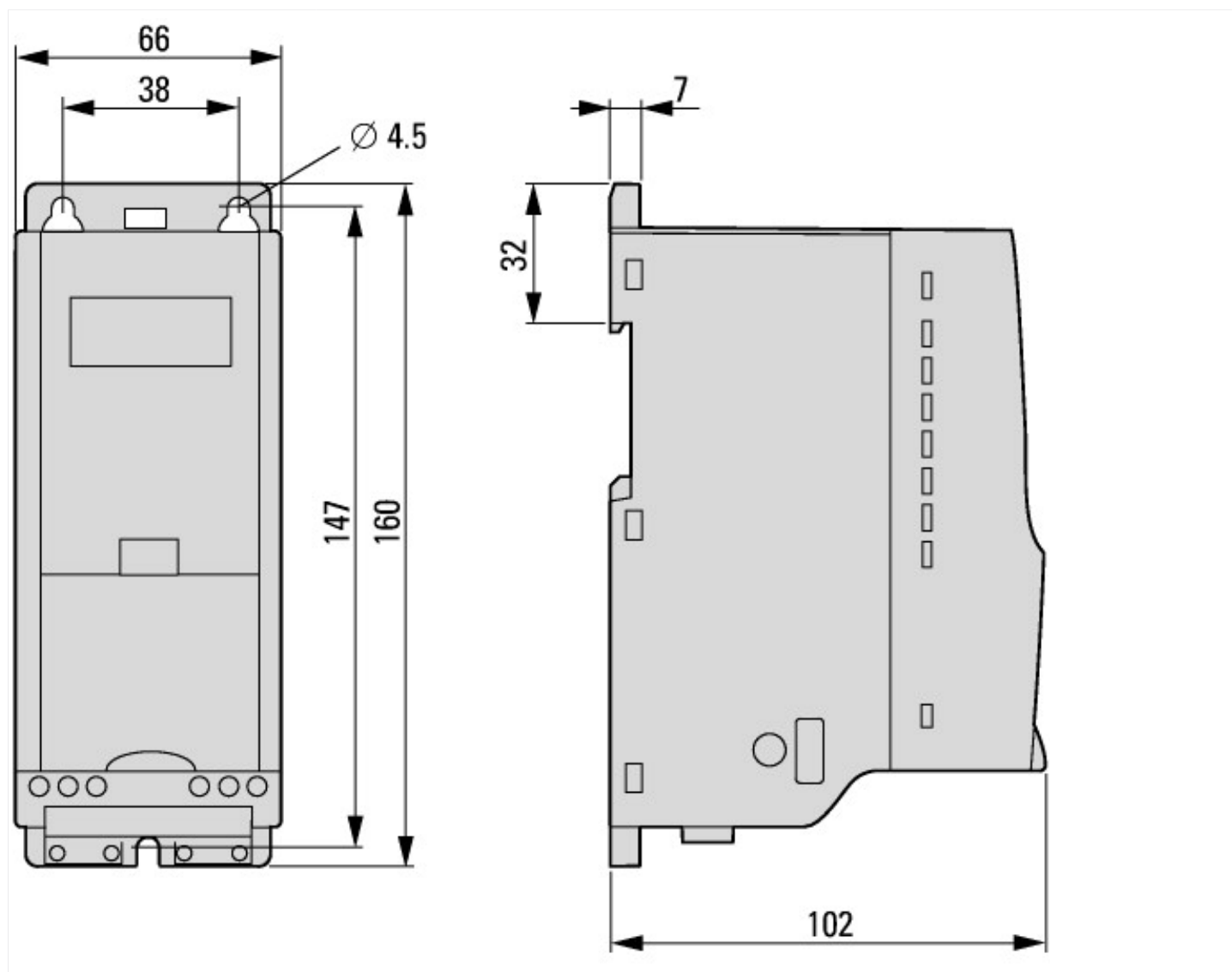
Power section

Input side			
Number of phases			three-phase (e.g. L1, L2, L3)
Mains voltage (50/60Hz)	U_{LN}	V	208 (-15%) - 240 (+10%)
Mains voltage UL/CSA (45-66 Hz ± 0%)	U_{LN}	V	177 - 264 (±0%)
Rated operational voltage			3 AC 230 V
Rated operational current	I_e	A	1.7
Input current	I_{LN}	T	2.7
Overload current for 60 s every 600 s at 50 °C		T	2.6
Starting current for 2 s every 20 s at 50 °C		T	3.4
Maximum leakage current to ground (PE) without motor	I_{PE}	mA	8.6
Apparent power			
Apparent power at rated operation 230 V	S	kVA	0.68
Apparent power at rated operation 240 V	S	kVA	0.71
Assigned motor rating			
at 230 V, 50 Hz	P	kW	0.25
Braking torque			
Standard braking torque			max. 30 % M_N
DC braking torque			max. 100% of rated operational current I_e , variable
Switching frequency	f_{PWM}	kHz	6 adjustable 1 - 16 (real)
Heat dissipation at rated operational current	P_V	W	17.4
Efficiency		%	93
Fitted with			Fan (internal, temperature controlled)
Frame size			FS1
Weight	m	kg	0,550

Approvals

Product Standards	UL 508C; CSA-C22.2 No. 14; IEC/EN61800-3; IEC/EN61800-5; CE marking
UL File No.	E134360
UL Category Control No.	NMMS, NMMS7
CSA File No.	UL report applies to both US and Canada
CSA Class No.	3211-06
North America Certification	UL listed, certified by UL for use in Canada
Specially designed for North America	No
Suitable for	Branch circuits
Max. Voltage Rating	3- 240 V AC IEC: TN-S UL/CSA: "Y" (Solidly Grounded Wey)
Degree of Protection	IEC: IP20; optionally UL/CSA NEMA 1

Dimensions



Additional product information (links)

IL04020006Z MMX adjustable frequency drives, size 1, 2 and 3

[IL04020006Z MMX adjustable frequency drives, size 1, 2 and 3](#)

MN04020001Z M-Max variable frequency drive, manual

[MN04020001Z Frequenzumrichter M-Max, Handbuch - Deutsch](#)

[MN04020001Z M-Max variable frequency drive, manual - English](#)

[MN04020001Z Convertisseurs de fréquence M-Max, manuel - français](#)

[MN04020001Z Frekvenční měnič M-Max, manuál - čeština](#)

[MN04020001Z Convertitori di frequenza M-Max, manuale - italiano](#)

[MN04020001Z Przemiennek częstotliwości M-Max, podręcznik - polski](#)

[MN04020001Z M-Max variable frequency drive, manual - русский](#)

