



MATERIAL FACT SHEET

703102 EM-AMFKT 2.2KW 165V 150HZ

General Data

Product Hierarchy	IAK213
	INVERTER
	MOTORS
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000703102

FA-Inverter: Motor

Series	EM-A SERIES
Type	PM MOTOR
Rated Capacity (kW)	2,2
Power Supply (V)	200
Rated Torque (Nm)	7
Maximum Torque (Nm)	14
Rated Speed (rpm)	3000
Maximum Speed (rpm)	4000
Wiring	TERMINAL BLOCK
Inertia (kg*cm2)	16,5
Brake	NO
Protection Class	IP44
Shaft Type	KEYWAY

Product Dimensions & Weight

Width (mm)	125
Height (mm)	188
Depth (mm)	301,5
Weight (kg)	11,7

Logistic Dimensions & Gross Weight

Length (cm)	45,0
Width (cm)	29,0
Height (cm)	24,0
Gross Weight (kg)	13,400
Volume (cdm)	31,320

Stock Data

Planned Delivery Time (Days)	107
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Life Cycle

Sales Start	29.11.2023
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85015220
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

Dangerous Goods Class	NO
Dangerous Goods Identifier	NO

WEEE	B2B
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Conformity

CE	COMPLIANT
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Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=EM-AMFKT%202.2KW%20165V%20150HZ&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=EM-AMFKT%202.2KW%20165V%20150HZ&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=EM-AMFKT%202.2KW%20165V%20150HZ&doc-lang=en

Compatible products

Material	Description / Price List Text / Classification
500074	FR-E820-0110EPA-60 Inverter; Pn:2,2-3,0kW; 3x200-240V; In max:12A; (2,2kW;11A);EtherNET/IP;IP20 Class 100100401: FA-Inverter: Inverter
500083	FR-E820-0110EPB-60 Inverter; Pn:2,2-3,0kW; 3x200-240V; In max:12A; (2,2kW;11A);PROFINET;IP20 Class 100100401: FA-Inverter: Inverter
500106	FR-E820-0110-4-60 Inverter; Pn:2,2-3,0kW; 3x200-240V; In max:12A; (2,2kW;11A);RS-485;IP20 Class 100100401: FA-Inverter: Inverter
504751	FR-E820S-0110-4-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); RS-485; IP20 Class 100100401: FA-Inverter: Inverter
504757	FR-E820S-0110EPB-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); PROFINET;SIL2; IP20 Class 100100401: FA-Inverter: Inverter
504763	FR-E820S-0110SCEPB-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); PROFINET;SIL3; IP20 Class 100100401: FA-Inverter: Inverter
523668	FR-E820S-0110EPA-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); EtherNET/IP; IP20 Class 100100401: FA-Inverter: Inverter
577181	FR-E820S-0110SCEPA-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); EtherNET/IP;SIL3; IP20 Class 100100401: FA-Inverter: Inverter
577187	FR-E820-0110SCEPA-60 Inverter; Pn:2,2-3,0kW;3x200-240V;In max:12A;(2,2kW;11A);EtherNET/IP;SIL3;IP20 Class 100100401: FA-Inverter: Inverter
584464	FR-E820-0110SCEPB-60 Inverter; Pn:2,2-3,0kW;3x200-240V;In max:12A;(2,2kW;11A);PROFINET;SIL3;IP20 Class 100100401: FA-Inverter: Inverter
596018	FR-E820S-0110EPC-60 Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); EtherCAT;SIL2; IP20 Class 100100401: FA-Inverter: Inverter
614116	FR-E820-2.2K-1 Inverter; Pn:2,2-3,0kW; 3x200-240V; In max:12A; (2,2kW;11A);RS-485;IP20 Class 100100401: FA-Inverter: Inverter