

Mitsubishi Electric Europe B.V. - Mitsubishi-Electric-Platz 1 - 40882 Ratingen

General Data

Material	236471
Vendor Material Code	1AR991-001053
Product Code	060 (INV(EXCEPT VECTOR INV))
Description	FR-E720-3.7KSC
Sales Area	0310 / 01 / 10
	Factory AutomationUK, Sales, IAS
Price List Text (EN)	Inverter; Rated Power: 3,7kW; 3x200-240V; Rated Current: 17,5A; IP20
Profit Center	BIINV01
Product Hierarchy	IAK233 INVERTER FR-E720
Material Group	100100401 (Inverter)
Ext. Material Group	10 EOL ANNOUNCED (FA EBG EOL announced)
Material Type	ZHWA
Cross-Distr.-Chain Status	
Distr.-Chain-Spec. Status	

FA-Inverter: Inverter

Series	
Type	FR-E700 STANDARD INVERTER
Minimum Rated Voltage (V)	200
Min. Permissible Voltage (V)	170
Maximum Rated Voltage (V)	240
Max. Permissible Voltage (V)	264
Current Type	AC
Phases	3
Rated Output Current ND (A)	17,5
Rated Motor Capacity ND (kW)	3,4
Control Method	ADVANCED MAGN. FLUX VEC. CTRL
Control Method (2)	
Motor Type	INDUCTION MOTOR
Brake Chopper ED (%)	30
Integrated EMC Filter	NO
Safe Torque Off (STO)	YES
Regenerative (4Q)	NO
Integrated DC Choke	NO
Display	BUILT-IN
Display Type	4 DIGITS LED
PLC Function	NO

FA-Inverter: Inverter

Integrated Digital Inputs	6
Digital Outputs (Transistor)	2
Digital Outputs (Relay)	1
Integrated Analogue Inputs	2
Integrated Analogue Outputs	1
Type of Terminal Block	SCREW
Expandable	YES
RS-485	1
USB	1
Built-In Network	MODBUS-RTU
Built-In Network (2)	
Leakage Current (mA)	1
Power Loss SLD (W)	160
Power Loss LD (W)	
Power Loss ND (W)	
Power Loss HD (W)	
Standby Power Consumption (W)	-
Protection Class	IP20

Product Dimensions & Weight

Width (mm)	170
Height (mm)	128
Depth (mm)	148,5
Weight (kg)	1,7

Export Data

Commodity Code	85044088
Legal Control (Dual Use List)	Not Listed
Country of Origin	China (CN)
Preference Status (Supplier Declaration)	Non EU
Factory	Nagoya (012)
Export Control Limitation (pc)	99.999 (Controlled)

Logistic Dimensions & Gross Weight

Length (cm)	27,0
Width (cm)	19,0
Height (cm)	18,0
Gross Weight (kg)	2,320
Volume (cdm)	9,234

Environmental

REACH Limit Exceeded	NO
Dangerous Goods Regulations	NO

Environmental

RoHS Compliance

WEEE

B2B

Conformity

CE

COMPLIANT

UL/cUL

COMPLIANT

EAC

COMPLIANT

Shipping Approvals