



MATERIAL FACT SHEET

219061 FR-D710W-0.4K

General Data

Product Hierarchy	IAK23701
	INVERTER
	FR-D720
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000219061

FA-Inverter: Inverter

Series	FR-D700 SERIES
Type	FR-D700 COMPACT INVERTER
Minimum Rated Voltage (V)	100
Min. Permissible Voltage (V)	90
Maximum Rated Voltage (V)	115
Max. Permissible Voltage (V)	132
Current Type	AC
Phases	1
Rated Output Current ND (A)	2,5
Rated Motor Capacity ND (kW)	0,4
Frequency Range (Hz)	-
Control Method	MAGNETIC FLUX VECTOR CONTROL
Control Method (2)	SOFT-PWM/HIGH FREQUENCY PWM
Control Method (3)	V/F CONTROL
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
Integrated Digital Inputs	5
Digital Outputs (Transistor)	1
Digital Outputs (Relay)	1
Integrated Analogue Inputs	2
Integrated Analogue Outputs	1
IO Type of Terminal Block	SPRING CLAMP
Expandable	NO
RS-485	1
USB	NO
Ethernet Port	NO
Built-In Network	MODBUS-RTU
Leakage Current (mA)	1
Power Loss ND (W)	32
Standby Power Consumption (W)	5,5-10,5
Protection Class	IP20

Product Dimensions & Weight

Width (mm)	68
Height (mm)	128
Depth (mm)	142,5
Weight (kg)	0,9

Logistic Dimensions & Gross Weight

Length (cm)	23,0
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Width (cm)	18,0
Height (cm)	10,0
Gross Weight (kg)	1,260
Volume (cdm)	4,140

Stock Data

Planned Delivery Time (Days)	128
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Life Cycle

Sales Start	07.01.2009
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

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

Environmental

REACH Limit Exceeded	YES
REACH Substance CAS Number	12060-00-3
REACH Substance CAS Number (2)	127-19-5
REACH Substance CAS Number (3)	13560-89-9
REACH Substance CAS Number (4)	15571-58-1
REACH Substance CAS Number (5)	541-02-6
REACH Substance CAS Number (6)	556-67-2
REACH Substance CAS Number (7)	7439-92-1
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=FR-D710W-0.4K&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=FR-D710W-0.4K&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=FR-D710W-0.4K&doc-lang=en

Product Packaging

Cardboard (g)	200
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
221882	FR-D720S front cover 0,2-0,75K	1	PC