



MATERIAL FACT SHEET

253737 FR-HC2-H160K

General Data

Product Hierarchy	IAK21201
	INVERTER
	NEW EXTERNAL OPTIONS
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_1A/EUR/en/p/000000000000253737

FA-Inverter: External Option

Series	FR-A800 SERIES
Series (2)	FR-D700-SC SERIES
Series (3)	FR-E800 SERIES
Series (4)	FR-F800 SERIES
Type	HARMONIC CONVERTER
Protection Class	IP00

Product Dimensions & Weight

Width (mm)	498
Height (mm)	1010
Depth (mm)	380
Weight (kg)	120

Logistic Dimensions & Gross Weight

Length (cm)	144,0
Width (cm)	83,0
Height (cm)	60,0
Gross Weight (kg)	139,000
Volume (cdm)	717,120

Stock Data

Planned Delivery Time (Days)	296
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Life Cycle

Sales Start	04.10.2012
Predecessor	212516 / MT-HC-H150K-S

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	NO
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT

UKCA	COMPLIANT
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Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=FR-HC2-H160K&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=FR-HC2-H160K&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=FR-HC2-H160K&doc-lang=en

Product Packaging

Cardboard (g)	22000
Other paper (g)	0
Aluminum (g)	0
Steel (g)	20
Styrofoam (g)	0
Other plastic (g)	50
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
164509	FR-F740-03250-12120 SNUBBER CAPACITOR	9	PC
164515	FR-F740-04320 DCCT OUTPUT	3	PC
164531	FR-F740-06100-12120 FUSE 5URB 000 BS88/4	6	PC
164535	FR-F740-04320-12120 COVER FAN GUARD	3	PC
612958	FR-F740-09620-12120-EC FAN 9LB1424S5H04	3	PC
164569	FR-F740-00770-12120 CASE CPU	1	PC
164613	FR-F740-00170-12120 CBL CPU-MA	1	PC
259276	FR-AF740 IGBT CM400DY-24NF/204G	9	PC
282929	FR-A840-04320-12120/CC2 FUSE HOLDER	2	PC
282930	FR-A840-04320-12120/CC2 FUSE	2	PC
282942	FR-A840-03250-12120 BALANCE RESISTOR	12	PC
304103	FR-HC2-H-160K-220K PCB CPU	1	PC
304155	FR-HC2-H-160K-560K PCB MA	1	PC
304156	FR-HC2-H-110K-560K PCB POWER	1	PC
304157	FR-HC2-H-160K-220K CAPACITOR	6	PC
304158	FR-HC2-H-30K-560K COVER FRONT CPU	1	PC
304159	FR-HC2-H-160K-560K Gate Module Resistor	1	PC
304160	FR-HC2-H-110K-400K TRANSFORMER	1	PC
304161	FR-HC2-H-160K-280K THERMISTOR 1	1	PC
304164	FR-HC2-H-160K-280K THERMISTOR 1	1	PC
304165	FR-HC2-H-160K-280K THERMISTOR GUARD S.	3	PC
304167	FR-HC2-H-7.5K-560K FR-DU-07-CNV	1	PC
304169	FR-HC2-H-160K-220K WIRING HARNESS	1	PC
304170	FR-HC2-H-30K-560K TERMINAL BLOCK	1	PC
304171	FR-HC2-H-7.5K-560K CONTROL TERMINAL	1	PC