



MATERIAL FACT SHEET

248647 MR-J4W2-77B

General Data

Product Hierarchy	IAK30012
	SERVO and Motion
	MR-J4
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000248647

FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-J4
Type	MR-J4
Command Interface	SSCNETIII/H
Rated Capacity (kW)	0,75
Number of Axes	2
Safety Function Type	STO (IEC/EN 61800-5-2)
Power Supply 1 Phase (VAC)	200-240
Power Supply 3 Phase (VAC)	200-240
Dynamic Break	BUILT-IN

Product Dimensions & Weight

Width (mm)	85
Height (mm)	168
Depth (mm)	195
Weight (kg)	2

Logistic Dimensions & Gross Weight

Length (cm)	22,0
Width (cm)	32,5
Height (cm)	11,5
Gross Weight (kg)	2,327
Volume (cdm)	8,223

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	11.04.2012
Predecessor	227004 / MR-J3W-77B

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	1303-86-2
REACH Substance CAS Number (2)	13560-89-9
REACH Substance CAS Number (3)	68-12-2
REACH Substance CAS Number (4)	7439-92-1
REACH Substance CAS Number (5)	872-50-4
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=MR-J4W2-77B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=MR-J4W2-77B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=MR-J4W2-77B&doc-lang=en

Product Packaging

Cardboard (g)	370
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
303769	MR-J4W2-22B/44B/77B/1010B PCB CPU	1	PC
303772	MR-J4W2-77B PCB POWER	1	PC
291126	MR-J4W2-22B/44B/77B/1010B CONN SET CNP	1	PC
260741	MR-J3-B/MR-J4 Safety CONNECTOR CN8	1	PC
210852	MR-J3-700A/700B FAN	1	PC
303776	MR-J4W2-77B/ 1010B COVER FAN	1	PC

Compatible products

Material	Description / Price List Text / Classification
149764	MR-J2CMP2 Reference signal connector for MR-J3-T Class 100100509: FA-Servo-Motion: Connector
160229	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
161579	MR-J3BUS015M SSCNET III Buscable, 0,15 m Class 100100508: FA-Servo-Motion: Cable
161580	MR-J3BUS03M SSCNET III Buscable, 0,3 m Class 100100508: FA-Servo-Motion: Cable
161581	MR-J3BUS05M SSCNET III Buscable, 0,5 m Class 100100508: FA-Servo-Motion: Cable
161582	MR-J3BUS1M SSCNET III Buscable, 1m Class 100100508: FA-Servo-Motion: Cable
161583	MR-J3BUS3M SSCNET III Buscable, 3 m Class 100100508: FA-Servo-Motion: Cable
161584	MR-J3BUS5M-A SSCNET III Buscable, 5 m Class 100100508: FA-Servo-Motion: Cable
161585	MR-J3BUS10M-A SSCNET III Buscable, 10 m Class 100100508: FA-Servo-Motion: Cable
161586	MR-J3BUS20M-A SSCNET III Buscable, 20 m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
161587	MR-J3BUS30M-B SSCNET III Buscable, 30 m Class 100100508: FA-Servo-Motion: Cable
215103	MR-ECN1-EG Reference signal connector 26pins for MR-J3-T, MR-E, MR-J4W2-_B, MR-J4W3-_B Class 100100509: FA-Servo-Motion: Connector
215134	TB-26-EG Terminal block, 26 pin., screw connection Class 100100510: FA-Servo-Motion: Other Option
215135	MR-ESTBL-CN1-05M-EG Cable MR-J5W-B/MR-J5W-G/MR-J4W-B - TB-26-EG, Length 0,5 m Class 100100508: FA-Servo-Motion: Cable
215137	MR-ESTBL-CN1-1M-EG Cable MR-J5W-B/MR-J5W-G/MR-J4W-B - TB-26-EG, Length 1 m Class 100100508: FA-Servo-Motion: Cable
227986	MR-D05UDL3M-B STO cable 3m Class 100100508: FA-Servo-Motion: Cable
248691	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
248691	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
251540	MR Configurator2 V01-1L0C-E MELSERVO Setup-Software for MR-JE/-J3/-J4/-J5 Class 100101205: FA-Software: Software Motion
258261	MF-2F230-015.232MF Radio interference filter for MR-J4W/MR-J5W; 15 A; 1-phase 230 V AC/50-60 Hz Class 100100506: FA-Servo-Motion: Filter
269425	MR-PWR-R T 400-9 Brake resistor with thermocontact for MR-J4/J4W/J5/J5W; 9 Ohm/400W Class 100100510: FA-Servo-Motion: Other Option
285013	MR-D05UDL3M-B-EG STO cable for MR-J3-BS/MR-J4 CN8 with open end - 3m Class 100100508: FA-Servo-Motion: Cable
285014	MR-D05UDL5M-B-EG STO cable for MR-J3-BS/MR-J4 CN8 with open end - 5m Class 100100508: FA-Servo-Motion: Cable
303319	MR-J4CBL26-CN3-3M-EG Connection cable MR-J5W-B/MR-J5W-G/MR-J4W-B with open end - 3m Class 100100508: FA-Servo-Motion: Cable
303907	MR-J4CBL26-CN3-1M-EG Connection cable MR-J5W-B/MR-J5W-G/MR-J4W-B with open end - 1m Class 100100508: FA-Servo-Motion: Cable