



MATERIAL FACT SHEET

502197 MR-J5W3-222G-N1

General Data

Product Hierarchy	IAK30015
	SERVO and Motion
	MR-J5
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000502197

FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-J5
Type	MR-J5
Command Interface	ETHERCAT
Rated Capacity (kW)	0,2
Number of Axes	3
Power Supply 1 Phase (VAC)	200-240
Power Supply 3 Phase (VAC)	200-240
Dynamic Break	BUILT-IN

Product Dimensions & Weight

Width (mm)	75
Height (mm)	172
Depth (mm)	195
Weight (kg)	1,8

Logistic Dimensions & Gross Weight

Length (cm)	21,5
Width (cm)	32,0
Height (cm)	11,5
Gross Weight (kg)	2,214
Volume (cdm)	7,912

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	08.04.2020
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

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

Conformity

CE	COMPLIANT
UL/cUL	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=MR-J5W3-222G-N1&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=MR-J5W3-222G-N1&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=MR-J5W3-222G-N1&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
687574	MR-J5W2-22G-1010G-N1 PCB F01A	1	PC
688093	MR-J5W3-222G-N1 PCB C10M0.2	1	PC
688095	MR-J5W3-222G-N1 PCB P0M0.2	1	PC
688097	MR-J5W3-222G-444G-N1 PCB J10A	1	PC
688102	MR-J5W3-222G-444G-N1 CHASSIS ADC	1	PC
688101	MR-J5W3-222G-444G-N1 CONNECTOR	1	PC
314890	MR-J4-DU30-55KA(4) CONNECTOR	1	PC
688103	MR-J5W3-222G-444G-N1 RADIATOR FIN	1	PC
687582	MR-J5W2-22G-1010G-N1 COVER SIDE1	1	PC
688098	MR-J5W3-222G-444G-N1 COVER SIDE2	1	PC
688100	MR-J5W3-222G-444G-N1 COVER FRONT	1	PC
688092	MR-J5W3-222G-444G-N1 RESISTOR	1	PC
688090	MR-J5W3-222G-444G-N1 HARNESS H01	1	PC
688091	MR-J5W3-222G-444G-N1 HARNESS H02	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
149764	MR-J2CMP2 Reference signal connector for MR-J3-T Class 100100509: FA-Servo-Motion: Connector
154752	MR-PWR-R T 600-26 Brake resistor with thermocontact (400V series) for MR-J4/J4W/J5/J5W; 26Ohm/600W Class 100100510: FA-Servo-Motion: Other Option
154752	MR-PWR-R T 600-26 Brake resistor with thermocontact (400V series) for MR-J4/J4W/J5/J5W; 26Ohm/600W Class 100100510: FA-Servo-Motion: Other Option
160229	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
161578	MR-J3CN6CBL1M Monitoringcable Class 100100508: FA-Servo-Motion: Cable
161578	MR-J3CN6CBL1M Monitoringcable Class 100100508: FA-Servo-Motion: Cable
170158	MR-ECN1 Connector 26 pin I/O (20 pcs./ box) Class 100100509: FA-Servo-Motion: Connector
227486	MR-J3-D05 Safety Logic Unit for MR-J3-BSafety/MR-J4 Servo Amplifier Class 100100505: FA-Servo-Motion: Motion Control Option
227981	MR-BTAS01 Absolute unit Class 100100510: FA-Servo-Motion: Other Option

Material	Description / Price List Text / Classification
227986	MR-D05UDL3M-B STO cable 3m Class 100100508: FA-Servo-Motion: Cable
248693	MR-BT6VCASE Battery case (5 x MR-BAT6V1); w/o batteries Class 100100511: FA-Servo-Motion: Spare Part
248694	MR-BT6V1CBL03M Connection cable for MR-BT6VCASE 0.3 m Class 100100508: FA-Servo-Motion: Cable
248695	MR-BT6V1CBL1M Connection cable for MR-BT6VCASE 1 m Class 100100508: FA-Servo-Motion: Cable
248696	MR-BT6V2CBL03M Expansion cable for MR-BT6VCASE 0.3 m Class 100100508: FA-Servo-Motion: Cable
248697	MR-BT6V2CBL1M Expansion cable for MR-BT6VCASE 1 m Class 100100508: FA-Servo-Motion: Cable
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
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
331704	MR-TB26A Terminal block for MR-J4W_-B, MR-J3-T, MR-J3W-B, 26pin Class 100100510: FA-Servo-Motion: Other Option
331785	MR-TBNATBL1M signal cable for MR-TB26A; 1m Class 100100508: FA-Servo-Motion: Cable
340932	MR-TBNATBL05M signal cable for MR-TB26A; 0.5m Class 100100508: FA-Servo-Motion: Cable
482031	MR-CM3K Simple converter for MR-J5-10G/A bis MR-J5-200G/A, MR-J5W2-22G bis MR-J5W2-1010G Class 100100502: FA-Servo-Motion: Servo Amplifier