



MATERIAL FACT SHEET

494763 MR-J5-100G-RJN1

General Data

Product Hierarchy	IAK30015
	SERVO and Motion
	MR-J5
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/000000000000494763

FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-J5
Type	MR-J5
Command Interface	ETHERCAT
Rated Capacity (kW)	1
Number of Axes	1
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)	60
Height (mm)	172
Depth (mm)	185
Weight (kg)	1,4

Logistic Dimensions & Gross Weight

Length (cm)	22,0
Width (cm)	27,5
Height (cm)	8,5
Gross Weight (kg)	1,651
Volume (cdm)	5,143

Stock Data

Planned Delivery Time (Days)	72
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Life Cycle

Sales Start	05.12.2019
Predecessor	No Predecessor

Additional Product Information

Difference to Standard 1	LOAD-SIDE ENCODER
Battery included	NO

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

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=MR-J5-100G-RJN1&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=MR-J5-100G-RJN1&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=MR-J5-100G-RJN1&doc-lang=en

Product Packaging

Cardboard (g)	240
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
687420	MR-J5-10G-350G-N1/RJN1 PCB J5G-F01A	1	PC
687431	MR-J5-10G-350G-RJN1 PCB J5G-C11A	1	PC
687425	MR-J5-100G-N1/RJN1 PCB MAIN	1	PC
687455	MR-J5-70G-100G-N1/RJN1 STEEL PART	1	PC
687445	MR-J5-70G-100G-N1/RJN1 CABLE	1	PC
687448	MR-J5-10G-100G-N1/RJN1 CONNECTOR CNP1	1	PC
687449	MR-J5-10G-100G-N1/RJN1 CONNECTOR CNP2	1	PC
687450	MR-J5-10G-100G-N1/RJN1 CONNECTOR CNP3	1	PC
314890	MR-J4-DU30-55KA(4) CONNECTOR	1	PC
687443	MR-J5-70G-100G-RJN1 COVER FRONT	1	PC
687435	MR-J5-70G-100G-N1/RJN1 COVER SIDE1	1	PC
687436	MR-J5-70G-100G-N1/RJN1 COVER SIDE2	1	PC
687417	MR-J5-70G-100G-N1/RJN1 RESISTOR	1	PC

Compatible products

Material	Description / Price List Text / Classification
70011	MR-J2HBUS5M SSCNET II-Buscable for MR-J2S-B, 5 m Class 100100508: FA-Servo-Motion: Cable
70012	MR-J2HBUS1M SSCNET II-Buscable for MR-J2S-B, 1 m Class 100100508: FA-Servo-Motion: Cable
70014	MR-J2HBUS05M SSCNET II-Buscable for MR-J2S-B, 0,5 m Class 100100508: FA-Servo-Motion: Cable
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
208775	MF-3F480-010.233MF Radio interference filter for MR-J3/MR-J4/MR-J5; 10 A; 3-phase 480 V AC/50-60 Hz Class 100100506: FA-Servo-Motion: Filter
227981	MR-BTAS01 Absolute unit Class 100100510: FA-Servo-Motion: Other Option
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

Material	Description / Price List Text / Classification
248691	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
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
281981	MR-BAT6V1SET-A MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
281981	MR-BAT6V1SET-A MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
284812	FR-HAL-H2.2K FR-HAL-H2.2K AC Choke for inverter with power of 2,2 kW Class 100100408: FA-Inverter: Other Option
303318	MR-J4CBL20-CN3-3M-EG Connection cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B with open end - 3m Class 100100508: FA-Servo-Motion: Cable
303906	MR-J4CBL20-CN3-1M-EG Connection cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B with open end - 1m Class 100100508: FA-Servo-Motion: Cable
482070	MR-ACN6CBL1M Monitor cable for MR-J5-_G/ MR-J5-_A; 1 m Class 100100508: FA-Servo-Motion: Cable
482070	MR-ACN6CBL1M Monitor cable for MR-J5-_G/ MR-J5-_A; 1 m Class 100100508: FA-Servo-Motion: Cable