



## MATERIAL FACT SHEET

### 494700 MR-J5-40G-RJN1

#### 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://emea-fa.mitsubishielectric.com/fa/shop/material-page/00000000000494700>

#### FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-J5
Type	MR-J5
Command Interface	ETHERCAT
Rated Capacity (kW)	0,4
Number of Axes	1
Safety Function Type	STO (IEC/EN 61800-5-2)
Power Supply (VAC)	1PHASE 230V
Power Supply (VAC) (2)	3PHASE 230V
Dynamic Break	BUILT-IN

#### Product Dimensions & Weight

Width (mm)	40
Height (mm)	172
Depth (mm)	135
Weight (kg)	0,8

#### Logistic Dimensions & Gross Weight

Length (cm)	23,0
Width (cm)	22,0
Height (cm)	8,0
Gross Weight (kg)	0,933
Volume (cdm)	4,048

#### Stock Data

Planned Delivery Time (Days)	126
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#### Life Cycle

Sales Start	05.12.2019
Predecessor	No Predecessor

#### Additional Product Information

Difference to Standard 1	LOAD-SIDE ENCODER
Binding Tariff Information	DEBTI-19568/25-1
BTI validity date	19.02.2029
Battery included	NO
Product Code	SERVO

#### Export Data

Commodity Code	85044095
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	<a href="#">1067-53-4</a>

REACH Substance CAS Number (2)	<a href="#">108-78-1</a>
REACH Substance CAS Number (3)	<a href="#">13560-89-9</a>
REACH Substance CAS Number (4)	<a href="#">2451-62-9</a>
REACH Substance CAS Number (5)	<a href="#">540-97-6</a>
REACH Substance CAS Number (6)	<a href="#">541-02-6</a>
REACH Substance CAS Number (7)	<a href="#">556-67-2</a>
REACH Substance CAS Number (8)	<a href="#">68-12-2</a>
REACH Substance CAS Number (9)	<a href="#">71868-10-5</a>
REACH Substance CAS Number (10)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (11)	<a href="#">79-94-7</a>
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	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J5-40G-RJN1&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	190
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	3
Wood (g)	0
Glass (g)	0
Others (g)	0

### Spare parts

Material	Description	Quantity	Unit
<a href="#">687420</a>	MR-J5-10G-350G-N1/RJN1 PCB J5G-F01A	1	PC
<a href="#">687431</a>	MR-J5-10G-350G-RJN1 PCB J5G-C11A	1	PC
<a href="#">687422</a>	MR-J5-40G-N1/RJN1 PCB MAIN	1	PC
<a href="#">680101</a>	MR-J5-10A(G)-40A(G)-RJ HEAT SINK	1	PC
<a href="#">687448</a>	MR-J5-10-100A/B/G CNP1 inc. Open Tool	1	PC
<a href="#">687449</a>	MR-J5-10-100A/B/G CONNECTOR CNP2	1	PC
<a href="#">687450</a>	MR-J5-10-100A/B/G CONNECTOR CNP3	1	PC
<a href="#">314890</a>	MR-J4-DU30-55KA(4) CONNECTOR	1	PC
687442	MR-J5-10G-60G-RJN1 COVER FRONT	1	PC
<a href="#">687432</a>	MR-J5-10G-60G-N1/RJN1 COVER SIDE1	1	PC
<a href="#">687433</a>	MR-J5-10G-40G-N1/RJN1 COVER SIDE2	1	PC
<a href="#">687416</a>	MR-J5-20G-60G-N1/RJN1 RESISTOR	1	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">70011</a>	MR-J2HBUS5M SSCNET II-Buscable for MR-J2S-B, 5 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">70012</a>	MR-J2HBUS1M SSCNET II-Buscable for MR-J2S-B, 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">70014</a>	MR-J2HBUS05M SSCNET II-Buscable for MR-J2S-B, 0,5 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">137279</a>	MR-PWR-R 150-40 / MR-RFH 75-40 Brake resistor (200 V) for MR-JE/J4/J5 40; Ohm/150 W; (MR-RB032, MR-RB12) Class 100100510: FA-Servo-Motion: Other Option

Material	Description / Price List Text / Classification
<a href="#">160229</a>	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">189332</a>	MF-2F230-006.230MFa Radio interference filter for MR-J3/MR-J4/MR-J5; 6 A; 1-phase 230 V AC/50-60 Hz Class 100100506: FA-Servo-Motion: Filter
<a href="#">227981</a>	MR-BTAS01 Absolute unit Class 100100510: FA-Servo-Motion: Other Option
<a href="#">227986</a>	MR-D05UDL3M-B STO cable 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">248691</a>	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
<a href="#">248691</a>	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
<a href="#">248693</a>	MR-BT6VCASE Battery case (5 x MR-BAT6V1); w/o batteries Class 100100511: FA-Servo-Motion: Spare Part
<a href="#">248694</a>	MR-BT6V1CBL03M Connection cable for MR-BT6VCASE 0.3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">248695</a>	MR-BT6V1CBL1M Connection cable for MR-BT6VCASE 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">248696</a>	MR-BT6V2CBL03M Expansion cable for MR-BT6VCASE 0.3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">248697</a>	MR-BT6V2CBL1M Expansion cable for MR-BT6VCASE 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">251540</a>	MR Configurator2 1L-USB MELSERVO Setup Software for MR-JE/-J3/-J4/-J5, 1 Licence USB Class 100101205: FA-Software: Software Motion
<a href="#">281981</a>	MR-BAT6V1SET-A MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
<a href="#">281981</a>	MR-BAT6V1SET-A MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
<a href="#">303318</a>	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
<a href="#">303906</a>	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
<a href="#">482070</a>	MR-ACN6CBL1M Monitor cable for MR-J5-_G/ MR-J5-_A; 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">736443</a>	MR Configurator2 MELSERVO Setup Software for MR-JE/-J3/-J4/-J5, 1 Licence Email Class 100101205: FA-Software: Software Motion