



## MATERIAL FACT SHEET

### 268775 MR-J4-10B-RJ020

#### 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://emea.mitsubishielectric.com/fa/shop/material-page/000000000000268775>

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

Series	MELSERVO-J4
Type	MR-J4
Command Interface	SSCNET
Rated Capacity (kW)	0,1
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)	168
Depth (mm)	135
Weight (kg)	0,8

#### Logistic Dimensions & Gross Weight

Length (cm)	22,5
Width (cm)	22,0
Height (cm)	6,5
Gross Weight (kg)	0,958
Volume (cdm)	3,218

#### Stock Data

Planned Delivery Time (Days)	147
------------------------------	-----

#### Life Cycle

Sales Start	09.10.2013
Predecessor	No Predecessor

#### Additional Product Information

Difference to Standard 1	MR-J2S COMPATIBLE
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="#">10141-05-6</a>

REACH Substance CAS Number (2)	<a href="#">108-78-1</a>
REACH Substance CAS Number (3)	<a href="#">115-86-6</a>
REACH Substance CAS Number (4)	<a href="#">119-47-1</a>
REACH Substance CAS Number (5)	<a href="#">119313-12-1</a>
REACH Substance CAS Number (6)	<a href="#">1303-86-2</a>
REACH Substance CAS Number (7)	<a href="#">15571-58-1</a>
REACH Substance CAS Number (8)	<a href="#">3147-75-9</a>
REACH Substance CAS Number (9)	<a href="#">540-97-6</a>
REACH Substance CAS Number (10)	<a href="#">541-02-6</a>
REACH Substance CAS Number (11)	<a href="#">556-67-2</a>
REACH Substance CAS Number (12)	<a href="#">71868-10-5</a>
REACH Substance CAS Number (13)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (14)	<a href="#">75980-60-8</a>
REACH Substance CAS Number (15)	<a href="#">79-94-7</a>
REACH Substance CAS Number (16)	<a href="#">80-05-7</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-J4-10B-RJ020&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J4-10B-RJ020&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-J4-10B-RJ020&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J4-10B-RJ020&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-J4-10B-RJ020&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J4-10B-RJ020&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	200
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
<a href="#">716958</a>	MR-J4-200B4/-15KB4-RJ020 PCB Board	1	PC
<a href="#">260741</a>	MR-J3-B/MR-J4 Safety CONNECTOR CN8	1	PC
<a href="#">277084</a>	MR-J4-10A-<3,5KW CONN.CNP1 inc.OpenTool	1	PC
<a href="#">277165</a>	MR-J4-10A - 100A CONNECTOR CNP2	1	PC
<a href="#">277166</a>	MR-J4-10A - 100A CONNECTOR CNP3	1	PC
<a href="#">313427</a>	MR-J4-10A(B)-RJ PCB POWER J4-POM0.1	1	PC
<a href="#">716958</a>	MR-J4-200B4/-15KB4-RJ020 PCB Board	1	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">55910</a>	MR-CPCATCBL3M Computer Link Cable for MR-J2S; MR-C; 3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">55912</a>	MR-J2CN1 Connector Kit CN1 I/O Class 100100509: FA-Servo-Motion: Connector
<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
<a href="#">155606</a>	UC232A USB-RS232 Adapter USB-RS232 Adaptor for VFD Setup Software (adapter cable+manual) Class 100100304: FA-HMI: Other Option

Material	Description / Price List Text / Classification
<a href="#">161559</a>	MR-EKCBL20M-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
<a href="#">161560</a>	MR-EKCBL30M-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 30m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
<a href="#">161561</a>	MR-EKCBL20M-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 20m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
<a href="#">161562</a>	MR-EKCBL30M-L Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, 30m (lead out encoder) Class 100100508: FA-Servo-Motion: Cable
<a href="#">161572</a>	MR-ECNM Encoder-connector-set for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR motor types Class 100100509: FA-Servo-Motion: Connector
<a href="#">161590</a>	MR-J3BCN1 Connectorset SSCNET III MR-J3-B Class 100100509: FA-Servo-Motion: Connector
<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="#">192174</a>	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
206147	PSU 25 Power supply unit for 100-240V AC; Output 24V DC, DIN rail mounting Class 100100304: FA-HMI: Other Option
<a href="#">212032</a>	TB-20-EG (IT68) Terminal block, 20 pin., screw connection Class 100100510: FA-Servo-Motion: Other Option
<a href="#">212095</a>	MR-J3TBL-CN3-1M-EG (IT69) Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">212096</a>	MR-J3TBL-CN3-05M-EG (IT70) Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 0,5 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">215497</a>	MR-J3TBL-CN3-3M-EG (IT) Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">227486</a>	MR-J3-D05 Safety Logic Unit for MR-J3-BSafety/MR-J4 Servo Amplifier Class 100100505: FA-Servo-Motion: Motion Control Option
<a href="#">227986</a>	MR-D05UDL3M-B STO cable 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">229788</a>	MR-EKCBL50M-H Encoder cable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
246915	MR-EKCBL5M-H Encoder cable; high-flex, 5m, IP20 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="#">248692</a>	MR-BAT6V1 MR-J4 Battery 6V/1650mAh Class 100100511: FA-Servo-Motion: Spare Part
<a href="#">248692</a>	MR-BAT6V1 MR-J4 Battery 6V/1650mAh 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

Material	Description / Price List Text / Classification
<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="#">268775</a>	MR-J4-10B-RJ020 Digital AC-Servo Amplifier; MR-J4-B; Rated output 100 W; MR-J2S comp. Class 100100502: FA-Servo-Motion: Servo Amplifier
<a href="#">268791</a>	MR-J4-T20 Conversion Unit for SSCNET of MR-J2S-B Class 100100510: FA-Servo-Motion: Other Option
<a href="#">269846</a>	MR-J4T20CH00 Adapter cable for MR-CPCATCBL3M Class 100100508: FA-Servo-Motion: Cable
<a href="#">277559</a>	MR-BAT6V1BJ MR-J4 Battery for junction battery cable Class 100100511: FA-Servo-Motion: Spare Part
<a href="#">277559</a>	MR-BAT6V1BJ MR-J4 Battery for junction battery cable Class 100101303: FA-OTHERS: Battery
<a href="#">277560</a>	MR-BT6VCBL03M MR-J4 battery cable (0.3m) Class 100100508: FA-Servo-Motion: Cable
<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