



## MATERIAL FACT SHEET

### 269275 MR-J4-700A4-RJ

#### General Data

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

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_1A/EUR/en/p/000000000000269275](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000269275)

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

Series	MELSERVO-J4
Type	MR-J4
Command Interface	GENERIC INTERFACE
Rated Capacity (kW)	7
Number of Axes	1
Safety Function Type	STO (IEC/EN 61800-5-2)
Power Supply 3 Phase (VAC)	380-480
Dynamic Break	BUILT-IN

#### Product Dimensions & Weight

Width (mm)	172
Height (mm)	300
Depth (mm)	200
Weight (kg)	6,5

#### Logistic Dimensions & Gross Weight

Length (cm)	37,5
Width (cm)	24,0
Height (cm)	26,0
Gross Weight (kg)	7,560
Volume (cdm)	23,400

#### Stock Data

Planned Delivery Time (Days)	72
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#### Life Cycle

Sales Start	28.10.2013
Predecessor	<a href="#">205086 / MR-J3-700A4</a>

#### Export Data

Commodity Code	85371091
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="#">1303-86-2</a>
REACH Substance CAS Number (2)	<a href="#">1317-36-8</a>
REACH Substance CAS Number (3)	<a href="#">13560-89-9</a>
REACH Substance CAS Number (4)	<a href="#">68-12-2</a>
REACH Substance CAS Number (5)	<a href="#">7439-92-1</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

## Conformity

CE	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-J4-700A4-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J4-700A4-RJ&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-J4-700A4-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J4-700A4-RJ&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-J4-700A4-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J4-700A4-RJ&amp;doc-lang=en</a>

## Product Packaging

Cardboard (g)	110
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="#">313423</a>	MR-J4-10-700A/KA(4)-RJ PCB CPU J4A-C16	1	PC

## Compatible products

Material	Description / Price List Text / Classification
<a href="#">55912</a>	MR-J2CN1 Connector Kit CN1 I/O Class 100100509: FA-Servo-Motion: Connector
<a href="#">70727</a>	FR-A5 CBL 1 Cable for connecting Inverter and Programming panel; 1m Class 100100405: FA-Inverter: Cable
<a href="#">128728</a>	MR-HDP01 Electronic Pulser / Incremental Interface Class 100100510: FA-Servo-Motion: Other Option
<a href="#">146794</a>	MR-J2M-CN1TBL05M Signal cable for MR-TB50 Class 100100508: FA-Servo-Motion: Cable
<a href="#">146794</a>	MR-J2M-CN1TBL05M Signal cable for MR-TB50 Class 100100508: FA-Servo-Motion: Cable
<a href="#">154752</a>	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
<a href="#">160225</a>	MR-J3CN1 signal connector for MR-J3-A Class 100100509: FA-Servo-Motion: Connector
<a href="#">160229</a>	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
<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

Material	Description / Price List Text / Classification
<a href="#">161578</a>	MR-J3CN6CBL1M Monitoringcable Class 100100508: FA-Servo-Motion: Cable
<a href="#">189864</a>	MR-J2M-CN1TBL1M signal cable for MR-TB50 Class 100100508: FA-Servo-Motion: Cable
<a href="#">189864</a>	MR-J2M-CN1TBL1M signal cable for MR-TB50 Class 100100508: FA-Servo-Motion: Cable
190657	MR-J3-D01 I/O extension modul Class 100100507: FA-Servo-Motion: Interface Card
<a href="#">192174</a>	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
<a href="#">203854</a>	MF-3F480-025.230MF3 Radio interference filter for MR-J3/MR-J4/MR-J5; 25 A; 3-phase 480 V AC/50-60 Hz Class 100100506: FA-Servo-Motion: Filter
<a href="#">208805</a>	MR-PRU03 Parameter unit Class 100100510: FA-Servo-Motion: 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="#">212033</a>	TB-50-EG (IT27) Terminal block, 50 pin., screw connection Class 100100510: FA-Servo-Motion: Other Option
<a href="#">212033</a>	TB-50-EG (IT27) Terminal block, 50 pin., screw connection Class 100100510: FA-Servo-Motion: Other Option
<a href="#">212095</a>	MR-J3TBL-CN3-1M-EG (IT69) Cable MR-J3/MR-J4 - TB-20-EG , Length 1 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">212096</a>	MR-J3TBL-CN3-05M-EG (IT70) Cable MR-J3/MR-J4 - 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-J3/MR-J4 - 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 Encodercable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
<a href="#">246915</a>	MR-EKCBL5M-H Encodercable; 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="#">251540</a>	MR Configurator2 V01-1L0C-E MELSERVO Setup-Software for MR-JE/-J3/-J4/-J5 Class 100101205: FA-Software: Software Motion
<a href="#">271219</a>	SC-J2SJ4CSET-01 Renewal Kit MR-J2S-A - MR-J4-A Amplifier cable set 7kW or less Class 100100510: FA-Servo-Motion: Other Option
<a href="#">271231</a>	SC-J2SJ4ENC03M Renewal Kit MR-J2S-A/B - MR-J4-A/B Encoder conversion cable; MR-J3CH00 Class 100100510: FA-Servo-Motion: Other Option
<a href="#">275670</a>	MR-D30 Functional safety unit for MR-J4 (STO/SS1/SBC/SLS/SSM) Class 100100510: FA-Servo-Motion: Other Option
<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="#">289365</a>	SC-J2SJ4BS05 MR-J4 200V/400V amplifier: for 7kW Mounting plate (amplifier base x1) Class 100100510: FA-Servo-Motion: Other Option
<a href="#">295828</a>	SC-J2SJ4CTC03M Renewal Kit Cable MR-J2S-A - MR-J4-A; Control signal cable Class 100100510: FA-Servo-Motion: Other Option
<a href="#">303318</a>	MR-J4CBL20-CN3-3M-EG Connection cable for MR-J4-B /MR-JE-B with open end - 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">303320</a>	MR-J4CBL50-CN3-3M-EG Connection cable for MR-J4-A /MR-JE-A with open end - 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">303320</a>	MR-J4CBL50-CN3-3M-EG Connection cable for MR-J4-A /MR-JE-A with open end - 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">303906</a>	MR-J4CBL20-CN3-1M-EG Connection cable for MR-J4-B /MR-JE-B with open end - 1m Class 100100508: FA-Servo-Motion: Cable
<a href="#">303908</a>	MR-J4CBL50-CN3-1M-EG Connection cable for MR-J4-A /MR-JE-A with open end - 1m Class 100100508: FA-Servo-Motion: Cable
<a href="#">303908</a>	MR-J4CBL50-CN3-1M-EG Connection cable for MR-J4-A /MR-JE-A with open end - 1m Class 100100508: FA-Servo-Motion: Cable