



## MATERIAL FACT SHEET

### 269284 MR-J4-100B-RJ

#### 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/000000000000269284>

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

Series	MELSERVO-J4
Type	MR-J4
Command Interface	SSCNET /H
Rated Capacity (kW)	1
Number of Axes	1
Safety Function Type	STO (IEC/EN 61800-5-2)
Power Supply (VAC)	3PHASE 230V
Dynamic Break	BUILT-IN

#### Product Dimensions & Weight

Width (mm)	60
Height (mm)	168
Depth (mm)	185
Weight (kg)	1,4

#### Logistic Dimensions & Gross Weight

Length (cm)	27,5
Width (cm)	22,0
Height (cm)	9,0
Gross Weight (kg)	1,700
Volume (cdm)	5,445

#### Stock Data

Planned Delivery Time (Days)	147
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#### Life Cycle

Sales Start	28.10.2013
Predecessor	233316 / MR-J3-100B-RJ080W

#### Additional Product Information

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="#">119313-12-1</a>

REACH Substance CAS Number (4)	<a href="#">1303-86-2</a>
REACH Substance CAS Number (5)	<a href="#">13560-89-9</a>
REACH Substance CAS Number (6)	<a href="#">15571-58-1</a>
REACH Substance CAS Number (7)	<a href="#">29420-49-3</a>
REACH Substance CAS Number (8)	<a href="#">3147-75-9</a>
REACH Substance CAS Number (9)	<a href="#">3648-18-8</a>
REACH Substance CAS Number (10)	<a href="#">540-97-6</a>
REACH Substance CAS Number (11)	<a href="#">541-02-6</a>
REACH Substance CAS Number (12)	<a href="#">556-67-2</a>
REACH Substance CAS Number (13)	<a href="#">71868-10-5</a>
REACH Substance CAS Number (14)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (15)	<a href="#">75980-60-8</a>
REACH Substance CAS Number (16)	<a href="#">79-94-7</a>
REACH Substance CAS Number (17)	<a href="#">80-05-7</a>
REACH Substance CAS Number (18)	<a href="#">96-13-9</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-J4-100B-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J4-100B-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-J4-100B-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J4-100B-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-J4-100B-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J4-100B-RJ&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	270
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="#">313424</a>	MR-J4-10-700B/KB(4)-RJ PCB CPU J4B-C13	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="#">137278</a>	MR-PWR-R 400-40 / MR-RFH 220-40 Brake resistor (200 V), 40 Ohm/400 W; (MR-RB32, MR-RB12) Class 100100510: FA-Servo-Motion: Other Option
<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="#">137303</a>	MT-2.5-60 Three-Phase-Autotransformer 400/230 V; 2,5 kVA, 60 % ED Class 100100510: FA-Servo-Motion: Other Option
<a href="#">160229</a>	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161559</a>	MR-EKCBLL20M-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
<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="#">161579</a>	MR-J3BUS015M SSCNET III Buscable, 0,15 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161580</a>	MR-J3BUS03M SSCNET III Buscable, 0,3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161581</a>	MR-J3BUS05M SSCNET III Buscable, 0,5 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161582</a>	MR-J3BUS1M SSCNET III Buscable, 1m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161583</a>	MR-J3BUS3M SSCNET III Buscable, 3 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161584</a>	MR-J3BUS5M-A SSCNET III Buscable, 5 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161585</a>	MR-J3BUS10M-A SSCNET III Buscable, 10 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161586</a>	MR-J3BUS20M-A SSCNET III Buscable, 20 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161587</a>	MR-J3BUS30M-B SSCNET III Buscable, 30 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161588</a>	MR-J3BUS40M-B SSCNET III Buscable, 40 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161589</a>	MR-J3BUS50M-B SSCNET III Buscable, 50 m Class 100100508: FA-Servo-Motion: Cable
<a href="#">161590</a>	MR-J3BCN1 Connectorset SSCNET III MR-J3-B Class 100100509: FA-Servo-Motion: Connector
<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="#">208775</a>	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
<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

Material	Description / Price List Text / Classification
<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
<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="#">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="#">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="#">736443</a>	MR Configurator2 MELSERVO Setup Software for MR-JE-/J3-/J4-/J5, 1 Licence Email Class 100101205: FA-Software: Software Motion