



MATERIAL FACT SHEET

281980 MR-JE-300B

General Data

Product Hierarchy	IAK30013
	SERVO and Motion
	MR-JE
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000736443

FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-JE
Type	MR-JE
Command Interface	SSCNETIII/H
Rated Capacity (kW)	3
Number of Axes	1
Power Supply (VAC)	3PHASE 230V
Dynamic Break	BUILT-IN

Product Dimensions & Weight

Width (mm)	90
Height (mm)	168
Depth (mm)	195
Weight (kg)	2,1

Logistic Dimensions & Gross Weight

Length (cm)	29,5
Width (cm)	21,5
Height (cm)	12,0
Gross Weight (kg)	2,524
Volume (cdm)	7,611

Stock Data

Planned Delivery Time (Days)	131
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Life Cycle

Sales Start	01.12.2014
Predecessor	No Predecessor

Additional Product Information

Binding Tariff Information	DEBTI-29765/21-1
BTI validity date	10.07.2025
Battery included	NO

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	1303-86-2
REACH Substance CAS Number (2)	13560-89-9
REACH Substance CAS Number (3)	7439-92-1
REACH Substance CAS Number (4)	872-50-4
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	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=MR-JE-300B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=MR-JE-300B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=MR-JE-300B&doc-lang=en

Product Packaging

Cardboard (g)	330
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
230738	MR-J3-200A/350A FAN MMF-06F24E-RP3S	1	PC
293052	MR-JE-300A PCB POWER	1	PC
597103	MR-JE-10-300B PCB CPU	1	PC
293057	MR-JE-200A / 300A COVER FAN	1	PC
293055	MR-JE-200/300(A/B/C) CONNECTOR CNP2	1	PC
745189	MR-JE-200/300(A/B/C) CNP1 MR-JECNP1-02	1	PC

Compatible products

Material	Description / Price List Text / Classification
55912	MR-J2CN1 Connector Kit CN1 I/O Class 100100509: FA-Servo-Motion: Connector
137277	MR-PWR R 600-13 / MR-RFH 400-13 Brake resistor (200 V) for MR-JE/J4/J5 13; Ohm/600 W; (MR-RB30, MR-RB50) Class 100100510: FA-Servo-Motion: Other Option
137305	MT-5.5-60 Three-Phase-Autotransformer 400/230 V; 5,5 kVA, 60 % ED Class 100100510: FA-Servo-Motion: Other Option
160229	MR-J3USBCBL3M USB PC Communication cable 3m Class 100100508: FA-Servo-Motion: Cable
161579	MR-J3BUS015M SSCNET III Buscable, 0,15 m Class 100100508: FA-Servo-Motion: Cable
161580	MR-J3BUS03M SSCNET III Buscable, 0,3 m Class 100100508: FA-Servo-Motion: Cable
161581	MR-J3BUS05M SSCNET III Buscable, 0,5 m Class 100100508: FA-Servo-Motion: Cable
161582	MR-J3BUS1M SSCNET III Buscable, 1m Class 100100508: FA-Servo-Motion: Cable
161583	MR-J3BUS3M SSCNET III Buscable, 3 m Class 100100508: FA-Servo-Motion: Cable
161584	MR-J3BUS5M-A SSCNET III Buscable, 5 m Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
161585	MR-J3BUS10M-A SSCNET III Buscable, 10 m Class 100100508: FA-Servo-Motion: Cable
161586	MR-J3BUS20M-A SSCNET III Buscable, 20 m Class 100100508: FA-Servo-Motion: Cable
161587	MR-J3BUS30M-B SSCNET III Buscable, 30 m Class 100100508: FA-Servo-Motion: Cable
161588	MR-J3BUS40M-B SSCNET III Buscable, 40 m Class 100100508: FA-Servo-Motion: Cable
161589	MR-J3BUS50M-B SSCNET III Buscable, 50 m Class 100100508: FA-Servo-Motion: Cable
161590	MR-J3BCN1 Connectorset SSCNET III MR-J3-B 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
212032	TB-20-EG (IT68) Terminal block, 20 pin., screw connection Class 100100510: FA-Servo-Motion: Other Option
212095	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
212096	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
215497	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
248692	MR-BAT6V1 MR-J4 Battery 6V/1650mAh Class 100100511: FA-Servo-Motion: Spare Part
248692	MR-BAT6V1 MR-J4 Battery 6V/1650mAh 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
248697	MR-BT6V2CBL1M Expansion cable for MR-BT6VCASE 1 m Class 100100508: FA-Servo-Motion: Cable
251540	MR Configurator2 1L-USB MELSERVO Setup Software for MR-JE/-J3/-J4/-J5, 1 Licence USB 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
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
736443	MR Configurator2 MELSERVO Setup Software for MR-JE/-J3/-J4/-J5, 1 Licence Email Class 100101205: FA-Software: Software Motion