



MATERIAL FACT SHEET

312941 MR-JE-100BF

General Data

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

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000312941

FA-Servo-Motion: Servo Amplifier

Series	MELSERVO-JE
Type	MR-JE
Command Interface	SSCNETIII/H
Rated Capacity (kW)	1
Number of Axes	1
Safety Function Type	STO (IEC/EN 61800-5-2)
Power Supply 1 Phase (VAC)	200-240
Power Supply 3 Phase (VAC)	200-240
Dynamic Break	BUILT-IN

Product Dimensions & Weight

Width (mm)	70
Height (mm)	168
Depth (mm)	185
Weight (kg)	1,6

Logistic Dimensions & Gross Weight

Length (cm)	22,0
Width (cm)	28,0
Height (cm)	10,0
Gross Weight (kg)	1,800
Volume (cdm)	6,160

Stock Data

Planned Delivery Time (Days)	86
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Life Cycle

Sales Start	15.05.2017
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

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)	15571-58-1
REACH Substance CAS Number (4)	7439-92-1
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-100BF&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=MR-JE-100BF&doc-lang=en

Product Packaging

Cardboard (g)	280
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

Compatible products

Material	Description / Price List Text / Classification
55912	MR-J2CN1 Connector Kit CN1 I/O Class 100100509: FA-Servo-Motion: Connector
137278	MR-PWR-R 400-40 / MR-RFH 220-40 Brake resistor (200 V series), 40 Ohm/400 W Class 100100510: FA-Servo-Motion: Other Option
137279	MR-PWR-R 150-40 / MR-RFH 75-40 Brake resistor (200 V series) for MR-JE/J4/J5 40; Ohm/150 W Class 100100510: FA-Servo-Motion: Other Option
137303	MT-2.5-60 Three-Phase-Autotransformer 400/230 V; 2,5 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
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

Material	Description / Price List Text / Classification
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
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
221468	MF-2F230-011.230 EMC filter for MR-ES from 1kW up to 2kW 3ph/230V Class 100100506: FA-Servo-Motion: Filter
227986	MR-D05UDL3M-B STO cable 3m Class 100100508: FA-Servo-Motion: Cable
248691	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100100511: FA-Servo-Motion: Spare Part
248691	MR-BAT6V1SET MR-J4 Battery-Set incl. MR-BAT6V1 Class 100101303: FA-OTHERS: Battery
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 V01-1L0C-E MELSERVO Setup-Software for MR-JE/-J3/-J4/-J5 Class 100101205: FA-Software: Software Motion
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