



## MATERIAL FACT SHEET

### 312940 MR-JE-70BF

#### 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\\_IJA/EUR/en/p/000000000000312940](https://mitsubishi-electric-eshop.mee.com/mee/FA_IJA/EUR/en/p/000000000000312940)

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

|                            |                        |
|----------------------------|------------------------|
| Series                     | MELSERVO-JE            |
| Type                       | MR-JE                  |
| Command Interface          | SSCNET /H              |
| Rated Capacity (kW)        | 0,75                   |
| 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)       | 27,0  |
| Width (cm)        | 22,0  |
| Height (cm)       | 10,0  |
| Gross Weight (kg) | 1,784 |
| Volume (cdm)      | 5,940 |

#### Stock Data

|                              |    |
|------------------------------|----|
| Planned Delivery Time (Days) | 86 |
|------------------------------|----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 15.05.2017     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                  |    |
|------------------|----|
| Battery included | NO |
|------------------|----|

#### 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     | <a href="#">1303-86-2</a>  |
| REACH Substance CAS Number (2) | <a href="#">13560-89-9</a> |
| REACH Substance CAS Number (3) | <a href="#">15571-58-1</a> |
| REACH Substance CAS Number (4) | <a href="#">7439-92-1</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-JE-70BF&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-JE-70BF&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-JE-70BF&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-JE-70BF&amp;doc-lang=en</a> |

### 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                                                                                                  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">55912</a>  | MR-J2CN1<br>Connector Kit CN1 I/O<br>Class 100100509: FA-Servo-Motion: Connector                                                                |
| <a href="#">137278</a> | MR-PWR-R 400-40 / MR-RFH 220-40<br>Brake resistor (200 V series), 40 Ohm/400 W<br>Class 100100510: FA-Servo-Motion: Other Option                |
| <a href="#">137279</a> | MR-PWR-R 150-40 / MR-RFH 75-40<br>Brake resistor (200 V series) for MR-JE/J4/J5 40; Ohm/150 W<br>Class 100100510: FA-Servo-Motion: Other Option |
| <a href="#">160229</a> | MR-J3USBCBL3M<br>USB PC Communication cable 3m<br>Class 100100508: FA-Servo-Motion: Cable                                                       |
| <a href="#">161579</a> | MR-J3BUS015M<br>SSCNET III Buscable, 0,15 m<br>Class 100100508: FA-Servo-Motion: Cable                                                          |
| <a href="#">161580</a> | MR-J3BUS03M<br>SSCNET III Buscable, 0,3 m<br>Class 100100508: FA-Servo-Motion: Cable                                                            |
| <a href="#">161581</a> | MR-J3BUS05M<br>SSCNET III Buscable, 0,5 m<br>Class 100100508: FA-Servo-Motion: Cable                                                            |
| <a href="#">161582</a> | MR-J3BUS1M<br>SSCNET III Buscable, 1m<br>Class 100100508: FA-Servo-Motion: Cable                                                                |
| <a href="#">161583</a> | MR-J3BUS3M<br>SSCNET III Buscable, 3 m<br>Class 100100508: FA-Servo-Motion: Cable                                                               |
| <a href="#">161584</a> | MR-J3BUS5M-A<br>SSCNET III Buscable, 5 m<br>Class 100100508: FA-Servo-Motion: Cable                                                             |
| <a href="#">161585</a> | MR-J3BUS10M-A<br>SSCNET III Buscable, 10 m<br>Class 100100508: FA-Servo-Motion: Cable                                                           |
| <a href="#">161586</a> | MR-J3BUS20M-A<br>SSCNET III Buscable, 20 m<br>Class 100100508: FA-Servo-Motion: Cable                                                           |
| <a href="#">161587</a> | MR-J3BUS30M-B<br>SSCNET III Buscable, 30 m<br>Class 100100508: FA-Servo-Motion: Cable                                                           |
| <a href="#">161588</a> | MR-J3BUS40M-B<br>SSCNET III Buscable, 40 m<br>Class 100100508: FA-Servo-Motion: Cable                                                           |

| Material               | Description / Price List Text / Classification                                                                                                   |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">161589</a> | MR-J3BUS50M-B<br>SSCNET III Buscable, 50 m<br>Class 100100508: FA-Servo-Motion: Cable                                                            |
| <a href="#">161590</a> | MR-J3BCN1<br>Connectorset SSCNET III MR-J3-B<br>Class 100100509: FA-Servo-Motion: Connector                                                      |
| <a href="#">212032</a> | TB-20-EG (IT68)<br>Terminal block, 20 pin., screw connection<br>Class 100100510: FA-Servo-Motion: Other Option                                   |
| <a href="#">212095</a> | MR-J3TBL-CN3-1M-EG (IT69)<br>Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 1 m<br>Class 100100508: FA-Servo-Motion: Cable    |
| <a href="#">212096</a> | MR-J3TBL-CN3-05M-EG (IT70)<br>Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 0,5 m<br>Class 100100508: FA-Servo-Motion: Cable |
| <a href="#">215497</a> | MR-J3TBL-CN3-3M-EG (IT)<br>Cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B - TB-20-EG , Length 3 m<br>Class 100100508: FA-Servo-Motion: Cable      |
| <a href="#">219208</a> | FMR-ES-6A-RS1-FP<br>EMC filter for MR-ES/MR-JE from 700W up to 1kW 1ph/230V<br>Class 100100506: FA-Servo-Motion: Filter                          |
| <a href="#">227986</a> | MR-D05UDL3M-B<br>STO cable 3m<br>Class 100100508: FA-Servo-Motion: Cable                                                                         |
| <a href="#">248691</a> | MR-BAT6V1SET<br>MR-J4 Battery-Set incl. MR-BAT6V1<br>Class 100100511: FA-Servo-Motion: Spare Part                                                |
| <a href="#">248691</a> | MR-BAT6V1SET<br>MR-J4 Battery-Set incl. MR-BAT6V1<br>Class 100101303: FA-OTHERS: Battery                                                         |
| <a href="#">248692</a> | MR-BAT6V1<br>MR-J4 Battery 6V/1650mAh<br>Class 100100511: FA-Servo-Motion: Spare Part                                                            |
| <a href="#">248692</a> | MR-BAT6V1<br>MR-J4 Battery 6V/1650mAh<br>Class 100101303: FA-OTHERS: Battery                                                                     |
| <a href="#">248693</a> | MR-BT6VCASE<br>Battery case (5 x MR-BAT6V1); w/o batteries<br>Class 100100511: FA-Servo-Motion: Spare Part                                       |
| <a href="#">248694</a> | MR-BT6V1CBL03M<br>Connection cable for MR-BT6VCASE 0.3 m<br>Class 100100508: FA-Servo-Motion: Cable                                              |
| <a href="#">248695</a> | MR-BT6V1CBL1M<br>Connection cable for MR-BT6VCASE 1 m<br>Class 100100508: FA-Servo-Motion: Cable                                                 |
| <a href="#">248697</a> | MR-BT6V2CBL1M<br>Expansion cable for MR-BT6VCASE 1 m<br>Class 100100508: FA-Servo-Motion: Cable                                                  |
| <a href="#">251540</a> | MR Configurator2 V01-1L0C-E<br>MELSERVO Setup-Software for MR-JE/-J3/-J4/-J5<br>Class 100101205: FA-Software: Software Motion                    |
| <a href="#">303318</a> | MR-J4CBL20-CN3-3M-EG<br>Connection cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B with open end - 3m<br>Class 100100508: FA-Servo-Motion: Cable   |
| <a href="#">303906</a> | MR-J4CBL20-CN3-1M-EG<br>Connection cable MR-J5-B/MR-J5-G/MR-JET/MR-J4-B /MR-JE-B with open end - 1m<br>Class 100100508: FA-Servo-Motion: Cable   |