



## MATERIAL FACT SHEET

### 492900 MR-J5-70G-RJ

#### General Data

|                     |                                     |
|---------------------|-------------------------------------|
| Product Hierarchy   | IAK30015                            |
|                     | SERVO and Motion                    |
|                     | MR-J5                               |
| 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/000000000000492900](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000492900)

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

|                            |                        |
|----------------------------|------------------------|
| Series                     | MELSERVO-J5            |
| Type                       | MR-J5                  |
| Command Interface          | CC-LINK IE TSN         |
| 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)  | 60  |
| Height (mm) | 172 |
| Depth (mm)  | 185 |
| Weight (kg) | 1,4 |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 27,5  |
| Width (cm)        | 22,0  |
| Height (cm)       | 8,5   |
| Gross Weight (kg) | 1,645 |
| Volume (cdm)      | 5,143 |

#### Stock Data

|                              |    |
|------------------------------|----|
| Planned Delivery Time (Days) | 72 |
|------------------------------|----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 30.10.2019     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                          |                  |
|--------------------------|------------------|
| Difference to Standard 1 | FULL CLOSED LOOP |
| Battery included         | NO               |

#### Export Data

|                                          |            |
|------------------------------------------|------------|
| Legal Control (Dual Use List)            | Not Listed |
| Country of Origin                        | Japan (JP) |
| Preference Status (Supplier Declaration) | Non EU     |

#### Environmental

|                            |           |
|----------------------------|-----------|
| Dangerous Goods Class      | NO        |
| Dangerous Goods Identifier | NO        |
| RoHS Compliance            | COMPLIANT |
| WEEE                       | B2B       |

## Conformity

|        |           |
|--------|-----------|
| CE     | COMPLIANT |
| UL/cUL | 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-J5-70G-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J5-70G-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-J5-70G-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J5-70G-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-J5-70G-RJ&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J5-70G-RJ&amp;doc-lang=en</a> |

## Product Packaging

|                   |     |
|-------------------|-----|
| Cardboard (g)     | 210 |
| Other paper (g)   | 0   |
| Aluminum (g)      | 0   |
| Steel (g)         | 0   |
| Styrofoam (g)     | 0   |
| Other plastic (g) | 3   |
| Wood (g)          | 0   |
| Glass (g)         | 0   |
| Others (g)        | 0   |

## Spare parts

| Material               | Description                         | Quantity | Unit |
|------------------------|-------------------------------------|----------|------|
| <a href="#">687420</a> | MR-J5-10G-350G-N1/RJN1 PCB J5G-F01A | 1        | PC   |
| <a href="#">687545</a> | MR-J5-500G-700G-RJ PCB J5G-C11A     | 1        | PC   |
| <a href="#">687424</a> | MR-J5-70G-N1/RJN1 PCB MAIN          | 1        | PC   |
| <a href="#">687455</a> | MR-J5-70G-100G-N1/RJN1 STEEL PART   | 1        | PC   |
| <a href="#">687445</a> | MR-J5-70G-100G-N1/RJN1 CABLE        | 1        | PC   |
| <a href="#">687435</a> | MR-J5-70G-100G-N1/RJN1 COVER SIDE1  | 1        | PC   |
| <a href="#">687436</a> | MR-J5-70G-100G-N1/RJN1 COVER SIDE2  | 1        | PC   |
| <a href="#">687417</a> | MR-J5-70G-100G-N1/RJN1 RESISTOR     | 1        | PC   |

## Compatible products

| Material               | Description / Price List Text / Classification                                                                                                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">70011</a>  | MR-J2HBUS5M<br>SSCNET II-Buscable for MR-J2S-B, 5 m<br>Class 100100508: FA-Servo-Motion: Cable                                                          |
| <a href="#">70012</a>  | MR-J2HBUS1M<br>SSCNET II-Buscable for MR-J2S-B, 1 m<br>Class 100100508: FA-Servo-Motion: Cable                                                          |
| <a href="#">70014</a>  | MR-J2HBUS05M<br>SSCNET II-Buscable for MR-J2S-B, 0,5 m<br>Class 100100508: FA-Servo-Motion: Cable                                                       |
| <a href="#">154752</a> | MR-PWR-R T 600-26<br>Brake resistor with thermocontact (400V series) for MR-J4/J4W/J5/J5W; 26Ohm/600W<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="#">189331</a> | MF-2F230-006.230MFb<br>Radio interference filter for MR-J3/MR-J4/MR-J5; 6 A; 1-phase 230 V AC/50-60 Hz<br>Class 100100506: FA-Servo-Motion: Filter      |
| <a href="#">227981</a> | MR-BTAS01<br>Absolute unit<br>Class 100100510: FA-Servo-Motion: Other Option                                                                            |
| <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="#">248693</a> | MR-BT6VCASE<br>Battery case (5 x MR-BAT6V1); w/o batteries<br>Class 100100511: FA-Servo-Motion: Spare Part                                              |

| Material               | Description / Price List Text / Classification                                                                                                   |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <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="#">248696</a> | MR-BT6V2CBL03M<br>Expansion cable for MR-BT6VCASE 0.3 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="#">281981</a> | MR-BAT6V1SET-A<br>MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1<br>Class 100100511: FA-Servo-Motion: Spare Part                                 |
| <a href="#">281981</a> | MR-BAT6V1SET-A<br>MR-JE-B / MR-J4-GF Battery-Set incl. MR-BAT6V1<br>Class 100101303: FA-OTHERS: Battery                                          |
| <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   |
| <a href="#">323398</a> | FR-HAL-H1.5K<br>FR-HAL-H1.5K<br>Class 100100408: FA-Inverter: Other Option                                                                       |
| 482031                 | MR-CM3K<br>Simple converter for MR-J5-10G/A bis MR-J5-200G/A, MR-J5W2-22G bis MR-J5W2-1010G<br>Class 100100502: FA-Servo-Motion: Servo Amplifier |
| <a href="#">482070</a> | MR-ACN6CBL1M<br>Monitor cable for MR-J5-_G/ MR-J5-_A; 1 m<br>Class 100100508: FA-Servo-Motion: Cable                                             |
| <a href="#">482070</a> | MR-ACN6CBL1M<br>Monitor cable for MR-J5-_G/ MR-J5-_A; 1 m<br>Class 100100508: FA-Servo-Motion: Cable                                             |