



## MATERIAL FACT SHEET

### 248645 MR-J4W2-22B

#### 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://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000248645](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000248645)

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

|                            |                        |
|----------------------------|------------------------|
| Series                     | MELSERVO-J4            |
| Type                       | MR-J4                  |
| Command Interface          | SSCNET /H              |
| Rated Capacity (kW)        | 0,2                    |
| Number of Axes             | 2                      |
| 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) | 168 |
| Depth (mm)  | 195 |
| Weight (kg) | 1,5 |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 22,0  |
| Width (cm)        | 30,5  |
| Height (cm)       | 8,5   |
| Gross Weight (kg) | 1,800 |
| Volume (cdm)      | 5,704 |

#### Stock Data

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

#### Life Cycle

|             |                     |
|-------------|---------------------|
| Sales Start | 11.04.2012          |
| Predecessor | 227002 / MR-J3W-22B |

#### 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="#">68-12-2</a>    |
| REACH Substance CAS Number (4) | <a href="#">7439-92-1</a>  |
| REACH Substance CAS Number (5) | <a href="#">872-50-4</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-J4W2-22B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=MR-J4W2-22B&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-J4W2-22B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=MR-J4W2-22B&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-J4W2-22B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=MR-J4W2-22B&amp;doc-lang=en</a> |

### Product Packaging

|                   |     |
|-------------------|-----|
| Cardboard (g)     | 290 |
| 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="#">303769</a> | MR-J4W2-22B/44B/77B/1010B PCB CPU      | 1        | PC   |
| <a href="#">303770</a> | MR-J4W2-22B PCB POWER                  | 1        | PC   |
| <a href="#">291126</a> | MR-J4W2-22B/44B/77B/1010B CONN SET CNP | 1        | PC   |
| <a href="#">260741</a> | MR-J3-B/MR-J4 Safety CONNECTOR CN8     | 1        | PC   |
| <a href="#">605922</a> | MR-J4W-22B-1010B CONNECTOR CNP1        | 1        | PC   |
| <a href="#">605923</a> | MR-J4W-22B-1010B CONNECTOR CNP2        | 1        | PC   |
| <a href="#">605924</a> | MR-J4W-22B-1010B CONNECTOR CNP3        | 2        | PC   |

### Compatible products

| Material               | Description / Price List Text / Classification                                                                                                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">149764</a> | MR-J2CMP2<br>Reference signal connector for MR-J3-T<br>Class 100100509: FA-Servo-Motion: Connector                                                      |
| <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="#">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                                                                     |

| Material               | Description / Price List Text / Classification                                                                                                |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <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                                                         |
| <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="#">170158</a> | MR-ECN1<br>Connector 26 pin I/O (20 pcs./ box)<br>Class 100100509: FA-Servo-Motion: Connector                                                 |
| <a href="#">206147</a> | PSU 25<br>Power supply unit for 100-240V AC; Output 24V DC, DIN rail mounting<br>Class 100100304: FA-HMI: Other Option                        |
| <a href="#">215134</a> | TB-26-EG<br>Terminal block, 26 pin., screw connection<br>Class 100100510: FA-Servo-Motion: Other Option                                       |
| <a href="#">215135</a> | MR-ESTBL-CN1-05M-EG<br>Cable MR-J5W-B/MR-J5W-G/MR-J4W-B - TB-26-EG, Length 0,5 m<br>Class 100100508: FA-Servo-Motion: Cable                   |
| <a href="#">215137</a> | MR-ESTBL-CN1-1M-EG<br>Cable MR-J5W-B/MR-J5W-G/MR-J4W-B - TB-26-EG, Length 1 m<br>Class 100100508: FA-Servo-Motion: Cable                      |
| <a href="#">227986</a> | MR-D05UDL3M-B<br>STO cable 3m<br>Class 100100508: FA-Servo-Motion: Cable                                                                      |
| <a href="#">248690</a> | MR-J4FCCBL03M<br>Junction Cable for MR-J4 with fully-closed loop control<br>Class 100100508: FA-Servo-Motion: Cable                           |
| <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="#">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="#">258685</a> | MF-2F230-006.232MF<br>Radio interference filter for MR-J4W/MR-J5W; 6 A; 1-phase 230 V AC/50-60 Hz<br>Class 100100506: FA-Servo-Motion: Filter |
| <a href="#">303319</a> | MR-J4CBL26-CN3-3M-EG<br>Connection cable MR-J5W-B/MR-J5W-G/MR-J4W-B with open end - 3m<br>Class 100100508: FA-Servo-Motion: Cable             |

| Material               | Description / Price List Text / Classification                                                                                    |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">303907</a> | MR-J4CBL26-CN3-1M-EG<br>Connection cable MR-J5W-B/MR-J5W-G/MR-J4W-B with open end - 1m<br>Class 100100508: FA-Servo-Motion: Cable |