



## MATERIAL FACT SHEET

### 285504 R60DA8-G

#### General Data

|                     |                          |
|---------------------|--------------------------|
| Product Hierarchy   | IAD51401                 |
|                     | Modular PLC              |
|                     | IQ-R Standard            |
| 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/000000000000285504](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000285504)

#### FA-MOD PLC: Analogue I/O Module

|                              |                                |
|------------------------------|--------------------------------|
| Series                       | MELSEC IQ-R SERIES             |
| Type                         | CHANNEL ISOLATED ANALOG OUTPUT |
| Power Supply (V)             | 24                             |
| Current Type                 | DC                             |
| Occupied I/O Points on PLC   | 16                             |
| Integrated Analogue Outputs  | 8                              |
| Output Voltage Range (V)     | -12-12; -10-10; 0-5; 1-5       |
| Output Current Range (mA)    | 0-20; 4-20                     |
| Wiring                       | SCREW                          |
| Int. Current Consumption (A) | 0,18                           |

#### Product Dimensions & Weight

|             |          |
|-------------|----------|
| Width (mm)  | 27,8     |
| Height (mm) | 98 (106) |
| Depth (mm)  | 110      |
| Weight (kg) | 0,21     |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 16,0  |
| Width (cm)        | 15,0  |
| Height (cm)       | 5,0   |
| Gross Weight (kg) | 0,286 |
| Volume (cdm)      | 1,200 |

#### Stock Data

|                              |    |
|------------------------------|----|
| Planned Delivery Time (Days) | 75 |
|------------------------------|----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 27.03.2015     |
| Predecessor | No Predecessor |

#### Additional Product Information

|                            |                  |
|----------------------------|------------------|
| Binding Tariff Information | DEBTI-10685/21-1 |
| BTI validity date          | 31.10.2024       |
| 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="#">2451-62-9</a> |
| REACH Substance CAS Number (2) | <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                |
| Shipping Approvals | ABS,BV,DNV GL,LR,NK,RINA |
| 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=R60DA8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=R60DA8-G&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=R60DA8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=R60DA8-G&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=R60DA8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=R60DA8-G&amp;doc-lang=en</a> |

### Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 45 |
| Other paper (g)   | 25 |
| Aluminum (g)      | 0  |
| Steel (g)         | 0  |
| Styrofoam (g)     | 0  |
| Other plastic (g) | 3  |
| Wood (g)          | 0  |
| Glass (g)         | 0  |
| Others (g)        | 0  |

### Compatible products

| Material               | Description / Price List Text / Classification                                                                                       |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">134139</a> | A6CON1<br>PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, soldering<br>Class 100100215: FA-MOD PLC: Other Option       |
| <a href="#">134140</a> | A6CON2<br>PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, crimp<br>Class 100100215: FA-MOD PLC: Other Option           |
| <a href="#">140991</a> | Q40CBL-3M<br>PLC Connection cable 40-pin modules (A6CON-type), shielded, length 3 m, open end<br>Class 100100214: FA-MOD PLC: Cable  |
| <a href="#">140997</a> | Q40CBL-5M<br>PLC Connection cable 40-pin modules (A6CON-type), shielded, length 5 m open end<br>Class 100100214: FA-MOD PLC: Cable   |
| <a href="#">146923</a> | A6CON4<br>PLC Connection-plug for I/O-Modules as A6CON-1 w/ 45 degree cable-outlet<br>Class 100100215: FA-MOD PLC: Other Option      |
| <a href="#">158068</a> | Q40CBL-10M<br>PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">158069</a> | Q40CBL-15M<br>PLC Connection cable 40-pin modules (A6CON-type), shielded, length 15 m open end<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">286266</a> | FA-LTB40DAG<br>PLC System-terminal; connector-terminal conversion unit (screw type)<br>Class 100100299: FA-MOD PLC: Sets             |
| <a href="#">314841</a> | Q40CBL-10M-S<br>PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm²,flex<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">314842</a> | Q40CBL-15M-S<br>PLC Connection cable 40-pin modules(A6CON-type),15m open,LiYY 40x0,14 mm²,flex<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">502506</a> | FA1-CBL05R60DA8G<br>PLC Connection cable; R60DA8-G/R60DA16-G to FA1-TBS40DAG/FA-LTB40DAG; 0,5m<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">502507</a> | FA1-CBL10R60DA8G<br>PLC Connection cable; R60DA8-G/R60DA16-G to FA1-TBS40DAG/FA-LTB40DAG; 1m<br>Class 100100214: FA-MOD PLC: Cable   |
| <a href="#">502508</a> | FA1-CBL20R60DA8G<br>PLC Connection cable; R60DA8-G/R60DA16-G to FA1-TBS40DAG/FA-LTB40DAG; 2m<br>Class 100100214: FA-MOD PLC: Cable   |

| Material               | Description / Price List Text / Classification                                                                                           |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">502509</a> | FA1-CBL30R60DA8G<br>PLC Connection cable; R60DA8-G/R60DA16-G to FA1-TBS40DAG/FA-LTB40DAG; 3m<br>Class 100100214: FA-MOD PLC: Cable       |
| <a href="#">502510</a> | FA1-TBS40DAG<br>Terminal block conversion unit for Q66DA-G, R60DA8-G, R60DA16-G; screw type<br>Class 100100215: FA-MOD PLC: Other Option |