



## MATERIAL FACT SHEET

129607 QY81P

### General Data

|                     |                          |
|---------------------|--------------------------|
| Product Hierarchy   | IAD50702                 |
|                     | Modular PLC              |
|                     | Q-Single                 |
| 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/000000000000129607](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000129607)

### FA-MOD PLC: Digital Output Module

|                              |                            |
|------------------------------|----------------------------|
| Series                       | MELSEC-Q SERIES            |
| Type                         | TRANSISTOR OUTPUT (SOURCE) |
| Power Supply (V)             | 12-24                      |
| Current Type                 | DC                         |
| Occupied I/O Points on PLC   | 32                         |
| Integrated Digital Outputs   | 32                         |
| Output Type                  | TRANSISTOR                 |
| Output Logic                 | SOURCE                     |
| Rated Load Voltage (VDC)     | 12-24                      |
| Wiring                       | CONNECTOR                  |
| Int. Current Consumption (A) | 0,095                      |

### Product Dimensions & Weight

|             |       |
|-------------|-------|
| Width (mm)  | 27,4  |
| Height (mm) | 98    |
| Depth (mm)  | 90    |
| Weight (kg) | 0,129 |

### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 10,0  |
| Width (cm)        | 14,0  |
| Height (cm)       | 4,0   |
| Gross Weight (kg) | 0,143 |
| Volume (cdm)      | 0,560 |

### Stock Data

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

### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 07.01.2000     |
| Predecessor | No Predecessor |

### Additional Product Information

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

### Export Data

|  |            |
|--|------------|
| Commodity Code                           | 85389099   |
| 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="#">7439-92-1</a> |
| Dangerous Goods Class      | NO                        |
| Dangerous Goods Identifier | NO                        |

|                 |           |
|-----------------|-----------|
| RoHS Compliance | COMPLIANT |
| WEEE            | B2B       |

### Conformity

|                    |                          |
|--------------------|--------------------------|
| CE                 | COMPLIANT                |
| UL/cUL             | COMPLIANT                |
| EAC                | NON-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=QY81P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=QY81P&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=QY81P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=QY81P&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=QY81P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=QY81P&amp;doc-lang=en</a> |

### Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 40 |
| Other paper (g)   | 1  |
| Aluminum (g)      | 0  |
| Steel (g)         | 0  |
| Styrofoam (g)     | 0  |
| Other plastic (g) | 2  |
| Wood (g)          | 0  |
| Glass (g)         | 0  |
| Others (g)        | 0  |

### Spare parts

| Material | Description                               | Quantity | Unit |
|----------|---|----------|------|
| 155552   | DIODE QY70/QY71 RB161L-40TE25             | 1        | PC   |
| 155553   | Z DIODE QY40-42,70,71,81 UDZS TE-17 6.2B  | 1        | PC   |
| 155570   | IC1 QX10-40,70,80/QY10-40,50,68,70,80     | 1        | PC   |
| 155571   | IC1 QX41,71,81 / QY41,71,81               | 1        | PC   |
| 155573   | IC1 QX41P,42P,72 / QY41,42                | 1        | PC   |
| 155576   | PHOTO COUPLER OI QX28,QY50/80 PS27051F4L  | 8        | PC   |
| 155578   | PHOTO COUPLER OI Q I/O Modules PS2801-4   | 8        | PC   |
| 155579   | PHOTO COUPLER OI QX10,70,71,72 PS2805-4   | 8        | PC   |
| 155580   | PHOTO COUPLER OI QY68A TLP191B(TPL)       | 8        | PC   |
| 155581   | PHOTO COUPLER OI QX41,42 TLP281-4(GB-TPL) | 8        | PC   |
| 155583   | PHOTO COUPLER OI QI60 PS2503L-4           | 8        | PC   |
| 155587   | TRANSISTOR Q I/O Modules DTC123JUA-T106   | 32       | PC   |
| 158236   | Front Panel QY81P D610B701G63             | 1        | PC   |
| 158249   | CASE REAR Q Series I/O Special Modules    | 1        | PC   |
| 158250   | RESISTOR QX41,42,81 / QY41P,QH42P         | 1        | PC   |

### Compatible products

| Material               | Description / Price List Text / Classification   |
|------------------------|--|
| <a href="#">136575</a> | Q32CBL-3M<br>PLC Connection cable 37-pin (Sub-D-type), length 3 m, open end<br>Class 100100214: FA-MOD PLC: Cable          |
| <a href="#">136576</a> | Q32CBL-5M<br>PLC Connection cable 37-pin (Sub-D-type), length 5 m, open end<br>Class 100100214: FA-MOD PLC: Cable          |
| <a href="#">221968</a> | FA-CBL50DMFY<br>Cable for PLC terminal block, 32-points; source output modules; 5m<br>Class 100100214: FA-MOD PLC: Cable   |
| <a href="#">257429</a> | FA-CBL20DMFY<br>Cable for PLC terminal block, 2m<br>Class 100100214: FA-MOD PLC: Cable                                     |
| <a href="#">271205</a> | FA-CBL30DMFY<br>Cable for PLC terminal block, 3m<br>Class 100100214: FA-MOD PLC: Cable                                     |
| <a href="#">305754</a> | FA-CBL10DMFY<br>DC-dedicated 32-point conversion module connection cable, source, 1m<br>Class 100100214: FA-MOD PLC: Cable |
| <a href="#">308387</a> | FA1-TESV32XY<br>Connector Spring Clamp 32 Point Terminal Conversion Unit<br>Class 100100215: FA-MOD PLC: Other Option      |

| Material               | Description / Price List Text / Classification   |
|------------------------|--|
| <a href="#">607626</a> | FA-CBL05DMFY<br>DC-dedicated 32-point conversion module connection cable, source, 0,5m<br>Class 100100214: FA-MOD PLC: Cable |