



## MATERIAL FACT SHEET

### 266164 Q13UDV CPU

#### General Data

|                     |                                     |
|---------------------|-------------------------------------|
| Product Hierarchy   | IAD50702                            |
|                     | Modular PLC                         |
|                     | Q-Single                            |
| Ext. Material Group | 10 STANDARD ITEM                    |
| ABC Indicator       | B (Limited Availability from Stock) |

#### FA-MOD PLC: CPU Module

|                              |                      |
|------------------------------|----------------------|
| Series                       | MELSEC-Q SERIES      |
| Type                         | UNIVERSAL MODEL QCPU |
| Program Memory               | 130K                 |
| Program Memory Unit          | STEPS                |
| Local I/O Points             | 4096                 |
| Local + Remote I/O Points    | 8192                 |
| Cycle Time LD (ns)           | 1,9                  |
| Cycle Time MOV (ns)          | 3,9                  |
| USB                          | 1                    |
| Ethernet Port                | 1                    |
| Buffer Battery               | YES                  |
| Int. Current Consumption (A) | 0,58                 |

#### Product Dimensions & Weight

|             |      |
|-------------|------|
| Width (mm)  | 27,4 |
| Height (mm) | 98   |
| Depth (mm)  | 115  |
| Weight (kg) | 0,2  |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 17,0  |
| Width (cm)        | 15,0  |
| Height (cm)       | 7,0   |
| Gross Weight (kg) | 0,268 |
| Volume (cdm)      | 1,785 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 174 |
|------------------------------|-----|

#### Life Cycle

|             |                  |
|-------------|------------------|
| Sales Start | 30.07.2013       |
| Predecessor | 130217 / Q12HCPU |

#### Additional Product Information

|                            |                             |
|----------------------------|-----------------------------|
| Binding Tariff Information | DEBTI-52748/20-1            |
| BTI validity date          | 27.06.2024                  |
| Battery included           | YES – CHECK SPARE PART LIST |

#### Export Data

|  |            |
|--|------------|
| Commodity Code                           | 85371091   |
| 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     | 110-71-4   |
| REACH Substance CAS Number (2) | 12060-00-3 |
| REACH Substance CAS Number (3) | 1303-86-2  |
| REACH Substance CAS Number (4) | 2451-62-9  |
| REACH Substance CAS Number (5) | 7439-92-1  |
| 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                |

### Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 55 |
| Other paper (g)   | 1  |
| Aluminum (g)      | 0  |
| Steel (g)         | 0  |
| Styrofoam (g)     | 0  |
| Other plastic (g) | 23 |
| Wood (g)          | 0  |
| Glass (g)         | 0  |
| Others (g)        | 0  |

### Spare parts

| Material | Description | Quantity | Unit |
|----------|-------------|----------|------|
| 130376   | Q6BAT       | 1        | PC   |

### Compatible products

| Material | Description / Price List Text / Classification  |
|----------|---|
| 130376   | Q6BAT<br>Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V<br>Class 100100216: FA-MOD PLC: Spare Part               |
| 130376   | Q6BAT<br>Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V<br>Class 100101303: FA-OTHERS: Battery                   |
| 221540   | USB-CAB-5M<br>USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m<br>Class 100100303: FA-HMI: Cable                         |
| 234630   | GX Works2 V01-2L0C-E<br>PLC Programming -S/W for MELSEC Q/L/F; USB; 2 PCs<br>Class 100101201: FA-Software: Software PLC               |
| 234631   | GX Works2 V01-5L0C-E<br>SPS Programming-S/W for Melsec Q/L/F;engl;USB;5 PC's<br>Class 100101201: FA-Software: Software PLC            |
| 244876   | GX Works2 V01-2L0C-G<br>PLC Programming S/W for MELSEC Q/L/F Series; German; USB; 2 PCs<br>Class 100101201: FA-Software: Software PLC |
| 244877   | GX Works2 V01-5L0C-G<br>PLC Programming -S/W for MELSEC Q/L/F; USB; 5 PCs<br>Class 100101201: FA-Software: Software PLC               |
| 266134   | Q4MCA-1MBS<br>SPS SystemQ iQ SRAM memory cassette for QnUDVCP;1MB<br>Class 100100215: FA-MOD PLC: Other Option                        |
| 266155   | Q4MCA-2MBS<br>SPS SystemQ iQ SRAM memory cassette for QnUDVCP;2MB<br>Class 100100215: FA-MOD PLC: Other Option                        |

| Material      | Description / Price List Text / Classification   |
|---------------|--|
| <u>266156</u> | Q4MCA-4MBS<br>SPS SystemQ iQ SRAM memory cassette for QnUDVCPU;4MB<br>Class 100100215: FA-MOD PLC: Other Option                          |
| <u>266157</u> | Q4MCA-8MBS<br>SPS SystemQ iQ SRAM memory cassette for QnUDVCPU;8MB<br>Class 100100215: FA-MOD PLC: Other Option                          |
| <u>278166</u> | SC-E5EW-S45M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m<br>Class 100100214: FA-MOD PLC: Cable   |
| <u>284966</u> | NZ1MEM-2GBSD<br>SD Memory Card; 2 GByte<br>Class 100100215: FA-MOD PLC: Other Option   |
| <u>284967</u> | NZ1MEM-4GBSD<br>SD Memory Card; 4 GByte<br>Class 100100215: FA-MOD PLC: Other Option   |
| <u>284968</u> | NZ1MEM-8GBSD<br>SD Memory Card; 8 GByte<br>Class 100100215: FA-MOD PLC: Other Option   |
| <u>284969</u> | NZ1MEM-16GBSD<br>SD Memory Card; 16 GByte<br>Class 100100215: FA-MOD PLC: Other Option   |
| <u>291807</u> | SC-E5EW-S1M-MV<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m<br>Class 100100214: FA-MOD PLC: Cable |
| <u>291808</u> | SC-E5EW-S3M-MV<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m<br>Class 100100214: FA-MOD PLC: Cable |
| <u>295425</u> | SC-E5EW-S05M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;0.5m<br>Class 100100214: FA-MOD PLC: Cable  |
| <u>295426</u> | SC-E5EW-S1M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m<br>Class 100100214: FA-MOD PLC: Cable    |
| <u>295427</u> | SC-E5EW-S3M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable    |
| <u>296266</u> | Q8BAT-SET<br>Q Series; Large capacity battery<br>Class 100100216: FA-MOD PLC: Spare Part   |
| <u>296266</u> | Q8BAT-SET<br>Q Series; Large capacity battery<br>Class 100101303: FA-OTHERS: Battery   |
| <u>308746</u> | Q8BAT<br>PLC Q Series Battery for CPU; 3 V DC; 18000 mAh<br>Class 100100216: FA-MOD PLC: Spare Part                                      |
| <u>308746</u> | Q8BAT<br>PLC Q Series Battery for CPU; 3 V DC; 18000 mAh<br>Class 100101303: FA-OTHERS: Battery  |
| <u>413182</u> | SC-E5EW-S10M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m<br>Class 100100214: FA-MOD PLC: Cable   |
| <u>413183</u> | SC-E5EW-S25M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m<br>Class 100100214: FA-MOD PLC: Cable   |
| <u>413184</u> | SC-E5EW-S5M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m<br>Class 100100214: FA-MOD PLC: Cable    |
| <u>470796</u> | Q7BATN<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh<br>Class 100100216: FA-MOD PLC: Spare Part                                      |
| <u>470796</u> | Q7BATN<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh<br>Class 100101303: FA-OTHERS: Battery  |
| <u>470797</u> | Q7BATN-SET<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder<br>Class 100100216: FA-MOD PLC: Spare Part            |
| <u>470797</u> | Q7BATN-SET<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder<br>Class 100101303: FA-OTHERS: Battery                |

| <b>Material</b> | <b>Description / Price List Text / Classification</b>   |
|-----------------|---|
| <u>486376</u>   | SC-E5EW-S2M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable                     |
| <u>486377</u>   | SC-E5EW-S4M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m<br>Class 100100214: FA-MOD PLC: Cable                     |
| <u>487403</u>   | SC-E5EW-S15M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <u>487404</u>   | SC-E5EW-S20M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <u>491761</u>   | Verbatim microSDHC Card 16GB Class 10<br>MicroSDHC memory card 16GB; Class 10; R/W: 10MB/s; adapter included<br>Class 100100215: FA-MOD PLC: Other Option |
| <u>557483</u>   | SC-E5EW-S100M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m<br>Class 100100214: FA-MOD PLC: Cable                   |