



## MATERIAL FACT SHEET

### 263068 L06CPU

#### General Data

|                     |                                        |
|---------------------|----------------------------------------|
| Product Hierarchy   | IAD510                                 |
|                     | Modular PLC                            |
|                     | L-Serie                                |
| Ext. Material Group | 10 STANDARD ITEM                       |
| ABC Indicator       | C (Non-Stock Material / Make-to-Order) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000263068](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000263068)

#### FA-MOD PLC: CPU Module

|                              |                 |
|------------------------------|-----------------|
| Series                       | MELSEC-L SERIES |
| Type                         | SINK            |
| Program Memory               | 60K             |
| Program Memory Unit          | STEPS           |
| Local I/O Points             | 4096            |
| Local + Remote I/O Points    | 8192            |
| Cycle Time LD (ns)           | 9,5             |
| Cycle Time MOV (ns)          | 19              |
| USB                          | 1               |
| Ethernet Port                | 1               |
| Buffer Battery               | YES             |
| Int. Current Consumption (A) | 1               |

#### Product Dimensions & Weight

|             |      |
|-------------|------|
| Width (mm)  | 70   |
| Height (mm) | 90   |
| Depth (mm)  | 95   |
| Weight (kg) | 0,39 |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 15,5  |
| Width (cm)        | 13,5  |
| Height (cm)       | 12,5  |
| Gross Weight (kg) | 0,614 |
| Volume (cdm)      | 2,616 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 136 |
|------------------------------|-----|

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 18.06.2013     |
| Predecessor | No Predecessor |

#### 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

|                                          |            |
|------------------------------------------|------------|
| 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="#">110-71-4</a> |

|                                |                            |
|--------------------------------|----------------------------|
| REACH Substance CAS Number (2) | <a href="#">12060-00-3</a> |
| REACH Substance CAS Number (3) | <a href="#">1303-86-2</a>  |
| REACH Substance CAS Number (4) | <a href="#">68-12-2</a>    |
| REACH Substance CAS Number (5) | <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 |
| UKCA   | COMPLIANT |

### Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=L06CPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=L06CPU&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=L06CPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=L06CPU&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=L06CPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=L06CPU&amp;doc-lang=en</a> |

### Product Packaging

|                   |     |
|-------------------|-----|
| Cardboard (g)     | 115 |
| Other paper (g)   | 1   |
| Aluminum (g)      | 0   |
| Steel (g)         | 0   |
| Styrofoam (g)     | 0   |
| Other plastic (g) | 6   |
| Wood (g)          | 0   |
| Glass (g)         | 0   |
| Others (g)        | 0   |

### Spare parts

| Material               | Description | Quantity | Unit |
|------------------------|-------------|----------|------|
| <a href="#">130376</a> | Q6BAT       | 1        | PC   |

### Compatible products

| Material               | Description / Price List Text / Classification                                                                                       |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">128424</a> | QC30R2<br>PLC Q Series CPU Programming cable for RS232 or A9GT-RS2, mini DIN6P-Dsub9P, 3m<br>Class 100100214: FA-MOD PLC: Cable      |
| <a href="#">130376</a> | Q6BAT<br>Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V<br>Class 100100216: FA-MOD PLC: Spare Part              |
| <a href="#">130376</a> | Q6BAT<br>Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V<br>Class 100101303: FA-OTHERS: Battery                  |
| <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="#">134141</a> | A6CON3<br>PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, wrap<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 |

| Material               | Description / Price List Text / Classification                                                                                                 |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <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="#">221540</a> | USB-CAB-5M<br>USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m<br>Class 100100303: FA-HMI: Cable                                  |
| <a href="#">234630</a> | 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                        |
| <a href="#">234631</a> | GX Works2 V01-5L0C-E<br>PLC Programming –S/W for MELSEC Q/L/F;engl;USB;5 PC´s<br>Class 100101201: FA-Software: Software PLC                    |
| <a href="#">238058</a> | L6DSPU<br>PLC, L-Series Display; 16 characters x 4 lines; green/red switch.; optional<br>Class 100100215: FA-MOD PLC: Other Option             |
| <a href="#">238059</a> | L6ADP-R2<br>PLC, L-Series Serial Module; RS232; 115,2 kbps<br>Class 100100210: FA-MOD PLC: Serial Com Module                                   |
| <a href="#">238062</a> | L6EC-ET<br>PLC, L-Series End cover; End cover with error terminal<br>Class 100100215: FA-MOD PLC: Other Option                                 |
| <a href="#">244876</a> | 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         |
| <a href="#">244877</a> | 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                        |
| <a href="#">249151</a> | L6EC<br>SPS L Serie;End Cover for System Extension<br>Class 100100215: FA-MOD PLC: Other Option                                                |
| <a href="#">273657</a> | L6ADP-R4<br>PLC, L-Series Serial Module; RS422/485; 115,2 kbps<br>Class 100100210: FA-MOD PLC: Serial Com Module                               |
| <a href="#">278166</a> | SC-E5EW-S45M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m<br>Class 100100214: FA-MOD PLC: Cable         |
| <a href="#">284966</a> | NZ1MEM-2GBSD<br>SD Memory Card; 2 GByte<br>Class 100100215: FA-MOD PLC: Other Option                                                           |
| <a href="#">284967</a> | NZ1MEM-4GBSD<br>SD Memory Card; 4 GByte<br>Class 100100215: FA-MOD PLC: Other Option                                                           |
| <a href="#">284968</a> | NZ1MEM-8GBSD<br>SD Memory Card; 8 GByte<br>Class 100100215: FA-MOD PLC: Other Option                                                           |
| <a href="#">284969</a> | NZ1MEM-16GBSD<br>SD Memory Card; 16 GByte<br>Class 100100215: FA-MOD PLC: Other Option                                                         |
| <a href="#">286228</a> | iQ Works V02-5L0C-E<br>iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;engl;USB;5 PC´s<br>Class 100101201: FA-Software: Software PLC   |
| 291807                 | 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       |
| 291808                 | 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       |
| <a href="#">295425</a> | 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         |
| <a href="#">295426</a> | SC-E5EW-S1M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m<br>Class 100100214: FA-MOD PLC: Cable          |
| <a href="#">295427</a> | SC-E5EW-S3M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable          |
| <a href="#">303426</a> | iQ Works V02-15L0C-E<br>iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;engl;USB;15 PC´s<br>Class 100101201: FA-Software: Software PLC |

| Material               | Description / Price List Text / Classification                                                                                                            |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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="#">338821</a> | iQ Works V02-2L0C-G<br>iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;2 PC´s<br>Class 100101201: FA-Software: Software PLC            |
| <a href="#">339022</a> | iQ Works V02-5L0C-G<br>iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;5 PC´s<br>Class 100101201: FA-Software: Software PLC            |
| <a href="#">340984</a> | Transcend SDHC card 16GB Class 10<br>SDHC memory card 16GB; Class 10; R: 30MB/s; W: 15MB/s<br>Class 100100304: FA-HMI: Other Option                       |
| <a href="#">401853</a> | iQ Works V02-2L0C-IT<br>iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;Italian;USB;2 PCs<br>Class 100101201: FA-Software: Software PLC           |
| <a href="#">413182</a> | SC-E5EW-S10M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <a href="#">413183</a> | SC-E5EW-S25M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <a href="#">413184</a> | SC-E5EW-S5M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m<br>Class 100100214: FA-MOD PLC: Cable                     |
| <a href="#">470796</a> | Q7BATN<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh<br>Class 100100216: FA-MOD PLC: Spare Part                                                       |
| <a href="#">470796</a> | Q7BATN<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh<br>Class 100101303: FA-OTHERS: Battery                                                           |
| <a href="#">470797</a> | 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                             |
| <a href="#">470797</a> | Q7BATN-SET<br>PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder<br>Class 100101303: FA-OTHERS: Battery                                 |
| <a href="#">486376</a> | SC-E5EW-S2M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable                     |
| <a href="#">486377</a> | SC-E5EW-S4M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m<br>Class 100100214: FA-MOD PLC: Cable                     |
| <a href="#">487403</a> | SC-E5EW-S15M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <a href="#">487404</a> | SC-E5EW-S20M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m<br>Class 100100214: FA-MOD PLC: Cable                    |
| <a href="#">491761</a> | 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 |
| <a href="#">557483</a> | SC-E5EW-S100M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m<br>Class 100100214: FA-MOD PLC: Cable                   |
| <a href="#">612268</a> | Transcend SDHC Card 8GB Class 4<br>SDHC memory card 8GB; Class 4; R: 18MB/s; W: 6MB/s<br>Class 100100304: FA-HMI: Other Option                            |