



## MATERIAL FACT SHEET

### 238057 L02CPU

#### General Data

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

#### FA-MOD PLC: CPU Module

Series	MELSEC-L SERIES
Type	SINK
Program Memory	20K
Program Memory Unit	STEPS
Local I/O Points	1024
Local + Remote I/O Points	8192
Cycle Time LD (ns)	40
Cycle Time MOV (ns)	80
USB	1
Ethernet Port	1
Buffer Battery	YES
Int. Current Consumption (A)	0,94

#### Product Dimensions & Weight

Width (mm)	70
Height (mm)	90
Depth (mm)	95
Weight (kg)	0,37

#### Logistic Dimensions & Gross Weight

Length (cm)	15,5
Width (cm)	13,5
Height (cm)	12,5
Gross Weight (kg)	0,590
Volume (cdm)	2,616

#### Stock Data

Planned Delivery Time (Days)	219
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#### Life Cycle

Sales Start	03.02.2011
Predecessor	No Predecessor
Successor	<u>244976 / L02CPU-P</u>

#### Additional Product Information

Binding Tariff Information	DEBTI-52748/20-1
BTI validity date	27.06.2024

#### 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
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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)	68-12-2
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
UKCA	COMPLIANT

### 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

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">128424</a>	QC30R2 PLC Q Series CPU Programming cable for RS232 or A9GT-RS2, mini DIN6P-Dsub9P, 3m Class 100100214: FA-MOD PLC: Cable
<a href="#">130376</a>	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V Class 100100216: FA-MOD PLC: Spare Part
<a href="#">130376</a>	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V Class 100101303: FA-OTHERS: Battery
<a href="#">134139</a>	A6CON1 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, soldering Class 100100215: FA-MOD PLC: Other Option
<a href="#">134140</a>	A6CON2 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, crimp Class 100100215: FA-MOD PLC: Other Option
<a href="#">134141</a>	A6CON3 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, wrap Class 100100215: FA-MOD PLC: Other Option
<a href="#">140991</a>	Q40CBL-3M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 3 m, open end Class 100100214: FA-MOD PLC: Cable
<a href="#">140997</a>	Q40CBL-5M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 5 m open end Class 100100214: FA-MOD PLC: Cable
<a href="#">146923</a>	A6CON4 PLC Connection-plug for I/O-Modules as A6CON-1 w/ 45 degree cable-outlet Class 100100215: FA-MOD PLC: Other Option
<a href="#">158068</a>	Q40CBL-10M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end Class 100100214: FA-MOD PLC: Cable
<a href="#">158069</a>	Q40CBL-15M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 15 m open end Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
<u>221540</u>	USB-CAB-5M USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
<u>234630</u>	GX Works2 V01-2L0C-E PLC Programming –S/W for MELSEC Q/L/F; USB; 2 PCs Class 100101201: FA-Software: Software PLC
<u>234631</u>	GX Works2 V01-5L0C-E SPS Programming-S/W for Melsec Q/L/F;encl;USB;5 PC's Class 100101201: FA-Software: Software PLC
<u>238058</u>	L6DSPU PLC, L-Series Display; 16 characters x 4 lines; green/red switch.; optional Class 100100215: FA-MOD PLC: Other Option
<u>238059</u>	L6ADP-R2 PLC, L-Series Serial Module; RS232; 115,2 kbps Class 100100210: FA-MOD PLC: Serial Com Module
<u>238062</u>	L6EC-ET PLC, L-Series End cover; End cover with error terminal Class 100100215: FA-MOD PLC: Other Option
<u>244876</u>	GX Works2 V01-2L0C-G PLC Programming S/W for MELSEC Q/L/F Series; German; USB; 2 PCs Class 100101201: FA-Software: Software PLC
<u>244877</u>	GX Works2 V01-5L0C-G PLC Programming –S/W for MELSEC Q/L/F; USB; 5 PCs Class 100101201: FA-Software: Software PLC
<u>249151</u>	L6EC SPS L Serie;End Cover for System Extension Class 100100215: FA-MOD PLC: Other Option
<u>273657</u>	L6ADP-R4 PLC, L-Series Serial Module; RS422/485; 115,2 kbps Class 100100210: FA-MOD PLC: Serial Com Module
<u>278166</u>	SC-E5EW-S45M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m Class 100100214: FA-MOD PLC: Cable
<u>284966</u>	NZ1MEM-2GBSD SD Memory Card; 2 GByte Class 100100215: FA-MOD PLC: Other Option
<u>284967</u>	NZ1MEM-4GBSD SD Memory Card; 4 GByte Class 100100215: FA-MOD PLC: Other Option
<u>284968</u>	NZ1MEM-8GBSD SD Memory Card; 8 GByte Class 100100215: FA-MOD PLC: Other Option
<u>284969</u>	NZ1MEM-16GBSD SD Memory Card; 16 GByte Class 100100215: FA-MOD PLC: Other Option
<u>286228</u>	iQ Works V02-5L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;encl;USB;5 PC's Class 100101201: FA-Software: Software PLC
<u>291807</u>	SC-E5EW-S1M-MV Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable
<u>291808</u>	SC-E5EW-S3M-MV Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m Class 100100214: FA-MOD PLC: Cable
<u>295425</u>	SC-E5EW-S05M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;0,5m Class 100100214: FA-MOD PLC: Cable
<u>295426</u>	SC-E5EW-S1M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable
<u>295427</u>	SC-E5EW-S3M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable
<u>303426</u>	iQ Works V02-15L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;encl;USB;15 PC's Class 100101201: FA-Software: Software PLC
<u>314841</u>	Q40CBL-10M-S PLC Connection cable 40-pin modules (A6CON-type), 10 m, open, LiYY 40x0,14 mm² Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
<u>314842</u>	Q40CBL-15M-S PLC Connection cable 40-pin modules (A6CON-type), 15 m open, LiYY 40x0,14 mm² Class 100100214: FA-MOD PLC: Cable
<u>338821</u>	iQ Works V02-2L0C-G iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;2 PC´s Class 100101201: FA-Software: Software PLC
<u>339022</u>	iQ Works V02-5L0C-G iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;5 PC´s Class 100101201: FA-Software: Software PLC
<u>340984</u>	Transcend SDHC card 16GB Class 10 SDHC memory card 16GB; Class 10; R: 30MB/s; W: 15MB/s Class 100100304: FA-HMI: Other Option
<u>401853</u>	iQ Works V02-2L0C-IT iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;Italian;USB;2 PCs Class 100101201: FA-Software: Software PLC
<u>413182</u>	SC-E5EW-S10M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m Class 100100214: FA-MOD PLC: Cable
<u>413183</u>	SC-E5EW-S25M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m Class 100100214: FA-MOD PLC: Cable
<u>413184</u>	SC-E5EW-S5M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m Class 100100214: FA-MOD PLC: Cable
<u>470796</u>	Q7BATN PLC Q Series Battery for CPU; 3 V DC; 6000 mAh Class 100100216: FA-MOD PLC: Spare Part
<u>470796</u>	Q7BATN PLC Q Series Battery for CPU; 3 V DC; 6000 mAh Class 100101303: FA-OTHERS: Battery
<u>470797</u>	Q7BATN-SET PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder Class 100100216: FA-MOD PLC: Spare Part
<u>470797</u>	Q7BATN-SET PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder Class 100101303: FA-OTHERS: Battery
<u>486376</u>	SC-E5EW-S2M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable
<u>486377</u>	SC-E5EW-S4M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m Class 100100214: FA-MOD PLC: Cable
<u>487403</u>	SC-E5EW-S15M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m Class 100100214: FA-MOD PLC: Cable
<u>487404</u>	SC-E5EW-S20M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m Class 100100214: FA-MOD PLC: Cable
<u>491761</u>	Verbatim microSDHC Card 16GB Class 10 MicroSDHC memory card 16GB; Class 10; R/W: 10MB/s; adapter included Class 100100215: FA-MOD PLC: Other Option
<u>557483</u>	SC-E5EW-S100M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m Class 100100214: FA-MOD PLC: Cable
<u>612268</u>	Transcend SDHC Card 8GB Class 4 SDHC memory card 8GB; Class 4; R: 18MB/s; W: 6MB/s Class 100100304: FA-HMI: Other Option