



MATERIAL FACT SHEET

238057 L02CPU

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_1A/EUR/en/p/000000000000238057

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)	136
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Life Cycle

Sales Start	03.02.2011
Predecessor	No Predecessor
Successor	244976 / L02CPU-P

Additional Product Information

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

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2f94&q=L02CPU&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=L02CPU&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=L02CPU&doc-lang=en

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
128424	QC30R2 PLC Q Series CPU Programming cable for RS232 or A9GT-RS2, mini DIN6P-Dsub9P, 3m Class 100100214: FA-MOD PLC: Cable
130376	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V Class 100100216: FA-MOD PLC: Spare Part
130376	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR17335SE-R 3V Class 100101303: FA-OTHERS: Battery
134139	A6CON1 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, soldering Class 100100215: FA-MOD PLC: Other Option
134140	A6CON2 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, crimp Class 100100215: FA-MOD PLC: Other Option
134141	A6CON3 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, wrap Class 100100215: FA-MOD PLC: Other Option
140991	Q40CBL-3M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 3 m, open end Class 100100214: FA-MOD PLC: Cable
140997	Q40CBL-5M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 5 m open end Class 100100214: FA-MOD PLC: Cable
146923	A6CON4 PLC Connection-plug for I/O-Modules as A6CON-1 w/ 45 degree cable-outlet Class 100100215: FA-MOD PLC: Other Option
158068	Q40CBL-10M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end Class 100100214: FA-MOD PLC: Cable
158069	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
221540	USB-CAB-5M USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
234630	GX Works2 V01-2L0C-E PLC Programming –S/W for MELSEC Q/L/F; USB; 2 PCs Class 100101201: FA-Software: Software PLC
234631	GX Works2 V01-5L0C-E PLC Programming –S/W for MELSEC Q/L/F;engl;USB;5 PC´s Class 100101201: FA-Software: Software PLC
238058	L6DSPU PLC, L-Series Display; 16 characters x 4 lines; green/red switch.; optional Class 100100215: FA-MOD PLC: Other Option
238059	L6ADP-R2 PLC, L-Series Serial Module; RS232; 115,2 kbps Class 100100210: FA-MOD PLC: Serial Com Module
238062	L6EC-ET PLC, L-Series End cover; End cover with error terminal Class 100100215: FA-MOD PLC: Other Option
244876	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
244877	GX Works2 V01-5L0C-G PLC Programming –S/W for MELSEC Q/L/F; USB; 5 PCs Class 100101201: FA-Software: Software PLC
249151	L6EC SPS L Serie;End Cover for System Extension Class 100100215: FA-MOD PLC: Other Option
273657	L6ADP-R4 PLC, L-Series Serial Module; RS422/485; 115,2 kbps Class 100100210: FA-MOD PLC: Serial Com Module
278166	SC-E5EW-S45M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m Class 100100214: FA-MOD PLC: Cable
284966	NZ1MEM-2GBSD SD Memory Card; 2 GByte Class 100100215: FA-MOD PLC: Other Option
284967	NZ1MEM-4GBSD SD Memory Card; 4 GByte Class 100100215: FA-MOD PLC: Other Option
284968	NZ1MEM-8GBSD SD Memory Card; 8 GByte Class 100100215: FA-MOD PLC: Other Option
284969	NZ1MEM-16GBSD SD Memory Card; 16 GByte Class 100100215: FA-MOD PLC: Other Option
286228	iQ Works V02-5L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;engl;USB;5 PC´s Class 100101201: FA-Software: Software PLC
291807	SC-E5EW-S1M-MV Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable
291808	SC-E5EW-S3M-MV Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m Class 100100214: FA-MOD PLC: Cable
295425	SC-E5EW-S05M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;0,5m Class 100100214: FA-MOD PLC: Cable
295426	SC-E5EW-S1M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable
295427	SC-E5EW-S3M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable
303426	iQ Works V02-15L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;engl;USB;15 PC´s Class 100101201: FA-Software: Software PLC
314841	Q40CBL-10M-S PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm²,flex Class 100100214: FA-MOD PLC: Cable

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