



MATERIAL FACT SHEET

221925 Q12DCCPU-V

General Data

Product Hierarchy	IAD50703
	Modular PLC
	Q-eMES
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000221925

FA-MOD PLC: CPU Module

Series	MELSEC-Q SERIES
Type	C CONTROLLER CPU
Program Memory	128
Program Memory Unit	MB
Local I/O Points	4096
Local + Remote I/O Points	4096
USB	1
Ethernet Port	2
RS-232	1
Buffer Battery	YES
Int. Current Consumption (A)	0,93

Product Dimensions & Weight

Width (mm)	27,4
Height (mm)	98
Depth (mm)	115
Weight (kg)	0,24

Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,344
Volume (cdm)	1,785

Stock Data

Planned Delivery Time (Days)	136
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Life Cycle

Sales Start	16.05.2009
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	110-71-4
REACH Substance CAS Number (2)	2451-62-9

REACH Substance CAS Number (3)	7439-92-1
REACH Substance CAS Number (4)	80-05-7
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=bltdae25c2bd5f2ff94&q=Q12DCCPU-V&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=Q12DCCPU-V&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=Q12DCCPU-V&doc-lang=en

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 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
221540	USB-CAB-5M USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
239261	QD81MEM-8GBC Compact flash card; 8GB Class 100100215: FA-MOD PLC: Other Option
239741	SW1DND-CWWLQ12-E CW Workbench; Engineering tool for Q12DCCPU-V C Controller; English; DVD Class 100101201: FA-Software: Software PLC
260883	SW1DND-CWWLQ12-EVZ CW Workbench; Engineering tool for Q12DCCPU-V; English; license update, w/o DVD Class 100101201: FA-Software: Software PLC
271878	SW1DNC-CWSIM-E VxWorks simulator for CW Workbench; Q12DCCPU-V, Q24DHCCPU-V/-VG; English; CD Class 100101201: FA-Software: Software PLC
278166	SC-E5EW-S45M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m Class 100100214: FA-MOD PLC: Cable
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

Material	Description / Price List Text / Classification
293203	SW1DND-CWWLQ12-EZ CW Workbench; Engineering tool for Q12DCCPU-V; English; add. license, w/o DVD Class 100101201: FA-Software: Software PLC
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
313802	QD81MEM-1GB Compact Flash Card, 1GB Class 100100215: FA-MOD PLC: Other Option
313803	QD81MEM-4GB Compact Flash 4GB Class 100100215: FA-MOD PLC: Other Option
405639	Q12DCCPU-CBL PLC Q Series RS-232 conversion cable; round connector to 9-pin D-sub connector Class 100100214: FA-MOD PLC: Cable
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
482701	SW4PVC-CCPU-E Setting/Monitoring Tools for C Controller Module (Q24DHCCPU-V/-VG,Q12DCCPU-V) Class 100101201: FA-Software: Software PLC
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
557483	SC-E5EW-S100M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m Class 100100214: FA-MOD PLC: Cable