



MATERIAL FACT SHEET

221577 Q01UCPU

General Data

Product Hierarchy	IAD50702
	Modular PLC
	Q-Single
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000221577

FA-MOD PLC: CPU Module

Series	MELSEC-Q SERIES
Type	UNIVERSAL MODEL QCPU
Program Memory	15K
Program Memory Unit	STEPS
Local I/O Points	1024
Local + Remote I/O Points	8192
Cycle Time LD (ns)	60
Cycle Time MOV (ns)	120
USB	1
RS-232	1
Buffer Battery	YES
Int. Current Consumption (A)	0,33

Product Dimensions & Weight

Width (mm)	27,4
Height (mm)	98
Depth (mm)	89,3
Weight (kg)	0,15

Logistic Dimensions & Gross Weight

Length (cm)	14,5
Width (cm)	11,0
Height (cm)	5,5
Gross Weight (kg)	0,170
Volume (cdm)	0,877

Stock Data

Planned Delivery Time (Days)	75
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Life Cycle

Sales Start	30.04.2009
Predecessor	138324 / Q01CPU

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
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REACH Substance CAS Number	110-71-4
REACH Substance CAS Number (2)	12060-00-3
REACH Substance CAS Number (3)	2451-62-9
REACH Substance CAS Number (4)	7439-92-1
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT
Shipping Approvals	ABS,BV,DNV GL,LR,NK,RINA
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=Q01UCPU&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=Q01UCPU&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=Q01UCPU&doc-lang=en

Product Packaging

Cardboard (g)	70
Other paper (g)	11
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	2
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
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; CR238L-CN159S 3V Class 100100216: FA-MOD PLC: Spare Part
130376	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR238L-CN159S 3V Class 100101303: FA-OTHERS: Battery
136577	QC30-USB PLC Q Series CPU Programming cable for USB interface, 3 m Class 100100214: FA-MOD PLC: Cable
140381	Q6HLD-R2 PLC Q Series Cable Connector Protection holder for RS232 interface Class 100100215: FA-MOD PLC: Other Option
234630	GX Works2 2L-USB PLC Programming Software for MELSEC Q/L/F, English, 2 Licences USB 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
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

Material	Description / Price List Text / Classification
296266	Q8BAT-SET Q Series; Large capacity battery Class 100100216: FA-MOD PLC: Spare Part
296266	Q8BAT-SET Q Series; Large capacity battery Class 100101303: FA-OTHERS: Battery
308746	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100100216: FA-MOD PLC: Spare Part
308746	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100101303: FA-OTHERS: Battery
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