



MATERIAL FACT SHEET

221580 Q20UDHCPU

General Data

Product Hierarchy	IAD50702
	Modular PLC
	Q-Single
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

FA-MOD PLC: CPU Module

Series	MELSEC-Q SERIES
Type	UNIVERSAL MODEL QCPU
Program Memory	200K
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
RS-232	1
Buffer Battery	YES
Int. Current Consumption (A)	0,64

Product Dimensions & Weight

Width (mm)	27,4
Height (mm)	98
Depth (mm)	89,3
Weight (kg)	0,2

Logistic Dimensions & Gross Weight

Length (cm)	15,0
Width (cm)	11,0
Height (cm)	5,5
Gross Weight (kg)	0,220
Volume (cdm)	0,908

Stock Data

Planned Delivery Time (Days)	131
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Life Cycle

Sales Start	30.04.2009
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

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	COMPLIANT
Shipping Approvals	ABS,BV,DNV GL,LR,NK,RINA
UKCA	COMPLIANT

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
129650	Q2MEM-ADP PLC Q Series PC card adapter for PCMCIA slot Class 100100215: FA-MOD PLC: Other Option
129854	Q2MEM-BAT PLC Q Series Battery for Q2MEM-1MBS Class 100100216: FA-MOD PLC: Spare Part
129854	Q2MEM-BAT PLC Q Series Battery for Q2MEM-1MBS Class 100101303: FA-OTHERS: Battery
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
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
217621	Q3MEM-4MBS PLC Q Series SRAM Card 4MB Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
<u>217622</u>	Q3MEM-4MBS-SET PLC Q Series SRAM Card 4MB, incl. cover Class 100100215: FA-MOD PLC: Other Option
<u>217623</u>	Q3MEM-8MBS PLC Q Series SRAM Card 8MB Class 100100215: FA-MOD PLC: Other Option
<u>217624</u>	Q3MEM-8MBS-SET PLC Q Series SRAM Card 8MB, incl. cover Class 100100215: FA-MOD PLC: Other Option
<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;eng;USB;5 PC 's Class 100101201: FA-Software: Software PLC
<u>236259</u>	Q3MEM-BAT PLC Q Series battery for Q3MEM- memory card; 3V DC; 550mAh Class 100100216: FA-MOD PLC: Spare Part
<u>236259</u>	Q3MEM-BAT PLC Q Series battery for Q3MEM- memory card; 3V DC; 550mAh Class 100101303: FA-OTHERS: Battery
<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>296266</u>	Q8BAT-SET Q Series; Large capacity battery Class 100100216: FA-MOD PLC: Spare Part
<u>296266</u>	Q8BAT-SET Q Series; Large capacity battery Class 100101303: FA-OTHERS: Battery
<u>308746</u>	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100100216: FA-MOD PLC: Spare Part
<u>308746</u>	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100101303: FA-OTHERS: Battery
<u>408932</u>	Q2MEM-1MBSN PLC Q Series Compact SRAM Memory Card 1 MB Class 100100215: FA-MOD PLC: Other Option
<u>408933</u>	Q2MEM-2MBSN PLC Q Series Compact SRAM Memory Card 2 MB Class 100100215: FA-MOD PLC: Other Option
<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