



MATERIAL FACT SHEET

266161 Q03UDV CPU

General Data

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

FA-MOD PLC: CPU Module

Series	MELSEC-Q SERIES
Type	UNIVERSAL MODEL QCPU
Program Memory	30K
Program Memory Unit	STEPS
Local I/O Points	4096
Local + Remote I/O Points	8192
Cycle Time LD (ns)	1,9
Cycle Time MOV (ns)	3,9
USB	1
Ethernet Port	1
Buffer Battery	YES
Int. Current Consumption (A)	0,58

Product Dimensions & Weight

Width (mm)	27,4
Height (mm)	98
Depth (mm)	115
Weight (kg)	0,2

Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,267
Volume (cdm)	1,785

Stock Data

Planned Delivery Time (Days)	233
------------------------------	-----

Life Cycle

Sales Start	30.07.2013
Predecessor	136382 / Q02CPU-A

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
----------------------	-----

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)	2451-62-9
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
Shipping Approvals	ABS,BV,DNV GL,LR,NK,RINA
UKCA	COMPLIANT

Product Packaging

Cardboard (g)	45
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	0
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
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 SPS Programming-S/W for Melsec Q/L/F; eng;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
266134	Q4MCA-1MBS SPS SystemQ iQ SRAM memory cassette for QnUDVCPUI;1MB Class 100100215: FA-MOD PLC: Other Option
266155	Q4MCA-2MBS SPS SystemQ iQ SRAM memory cassette for QnUDVCPUI;2MB Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
<u>266156</u>	Q4MCA-4MBS SPS SystemQ iQ SRAM memory cassette for QnUDVCPU;4MB Class 100100215: FA-MOD PLC: Other Option
<u>266157</u>	Q4MCA-8MBS SPS SystemQ iQ SRAM memory cassette for QnUDVCPU;8MB Class 100100215: FA-MOD PLC: Other Option
<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>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>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>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

Material	Description / Price List Text / Classification
<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