



## MATERIAL FACT SHEET

### 242369 Q100UDEHCPU

#### 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	1000K
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
Ethernet Port	1
Buffer Battery	YES
Int. Current Consumption (A)	0,5

#### 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)	0,299
Volume (cdm)	1,785

#### Stock Data

Planned Delivery Time (Days)	167
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#### Life Cycle

Sales Start	30.07.2013
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)	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

### 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
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
217621	Q3MEM-4MBS PLC Q Series SRAM Card 4MB Class 100100215: FA-MOD PLC: Other Option
217622	Q3MEM-4MBS-SET PLC Q Series SRAM Card 4MB, incl. cover Class 100100215: FA-MOD PLC: Other Option
217623	Q3MEM-8MBS PLC Q Series SRAM Card 8MB Class 100100215: FA-MOD PLC: Other Option
217624	Q3MEM-8MBS-SET PLC Q Series SRAM Card 8MB, incl. cover Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
<u>221540</u>	USB-CAB-5M USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
<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;enl;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>278166</u>	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
<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>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>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

<b>Material</b>	<b>Description / Price List Text / Classification</b>
<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
<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>557483</u>	SC-E5EW-S100M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m Class 100100214: FA-MOD PLC: Cable