



## 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)

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000242369](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000242369)

#### 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	<a href="#">110-71-4</a>
REACH Substance CAS Number (2)	<a href="#">12060-00-3</a>
REACH Substance CAS Number (3)	<a href="#">2451-62-9</a>
REACH Substance CAS Number (4)	<a href="#">68-12-2</a>
REACH Substance CAS Number (5)	<a href="#">7439-92-1</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

### Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT
UKCA	COMPLIANT

### Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=Q100UDEHCPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=Q100UDEHCPU&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=Q100UDEHCPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=Q100UDEHCPU&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=Q100UDEHCPU&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=Q100UDEHCPU&amp;doc-lang=en</a>

### 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
<a href="#">130376</a>	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
<a href="#">129854</a>	Q2MEM-BAT PLC Q Series Battery for Q2MEM-1MBS Class 100100216: FA-MOD PLC: Spare Part
<a href="#">129854</a>	Q2MEM-BAT PLC Q Series Battery for Q2MEM-1MBS Class 100101303: FA-OTHERS: Battery
<a href="#">130376</a>	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR238L-CN159S 3V Class 100100216: FA-MOD PLC: Spare Part
<a href="#">130376</a>	Q6BAT Lithium Cell for Programmable Controller type Q CPU; CR238L-CN159S 3V Class 100101303: FA-OTHERS: Battery
<a href="#">217621</a>	Q3MEM-4MBS PLC Q Series SRAM Card 4MB Class 100100215: FA-MOD PLC: Other Option
<a href="#">217622</a>	Q3MEM-4MBS-SET PLC Q Series SRAM Card 4MB, incl. cover Class 100100215: FA-MOD PLC: Other Option
<a href="#">217623</a>	Q3MEM-8MBS PLC Q Series SRAM Card 8MB Class 100100215: FA-MOD PLC: Other Option
<a href="#">217624</a>	Q3MEM-8MBS-SET PLC Q Series SRAM Card 8MB, incl. cover Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
<a href="#">221540</a>	USB-CAB-5M USB 2.0 connection cabel, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
<a href="#">234630</a>	GX Works2 2L-USB PLC Programming Software for MELSEC Q/L/F, English, 2 Licences USB Class 100101201: FA-Software: Software PLC
<a href="#">234631</a>	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
<a href="#">236259</a>	Q3MEM-BAT PLC Q Series battery for Q3MEM- memory card; 3V DC; 550mAh Class 100100216: FA-MOD PLC: Spare Part
<a href="#">236259</a>	Q3MEM-BAT PLC Q Series battery for Q3MEM- memory card; 3V DC; 550mAh Class 100101303: FA-OTHERS: Battery
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
<a href="#">296266</a>	Q8BAT-SET Q Series; Large capacity battery Class 100100216: FA-MOD PLC: Spare Part
<a href="#">296266</a>	Q8BAT-SET Q Series; Large capacity battery Class 100101303: FA-OTHERS: Battery
<a href="#">308746</a>	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100100216: FA-MOD PLC: Spare Part
<a href="#">308746</a>	Q8BAT PLC Q Series Battery for CPU; 3 V DC; 18000 mAh Class 100101303: FA-OTHERS: Battery
<a href="#">408932</a>	Q2MEM-1MBSN PLC Q Series Compact SRAM Memory Card 1 MB Class 100100215: FA-MOD PLC: Other Option
<a href="#">408933</a>	Q2MEM-2MBSN PLC Q Series Compact SRAM Memory Card 2 MB Class 100100215: FA-MOD PLC: Other Option
<a href="#">470796</a>	Q7BATN PLC Q Series Battery for CPU; 3 V DC; 6000 mAh Class 100100216: FA-MOD PLC: Spare Part
<a href="#">470796</a>	Q7BATN PLC Q Series Battery for CPU; 3 V DC; 6000 mAh Class 100101303: FA-OTHERS: Battery
<a href="#">470797</a>	Q7BATN-SET PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder Class 100100216: FA-MOD PLC: Spare Part
<a href="#">470797</a>	Q7BATN-SET PLC Q Series Battery for CPU; 3 V DC; 6000 mAh; incl. Battery holder Class 100101303: FA-OTHERS: Battery
<a href="#">697551</a>	IE-C6A-0.2m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.2m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697582</a>	IE-C6A-0.5m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.5m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697583</a>	IE-C6A-1.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 1.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697584</a>	IE-C6A-2.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 2.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697585</a>	IE-C6A-5.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 5.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697586</a>	IE-C6A-10.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 10.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
<a href="#">697587</a>	IE-C6A-15.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 15.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697588</a>	IE-C6A-20.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 20.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697589</a>	IE-C6A-25.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 25.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697590</a>	IE-CB-1piece CC-Link Bending tool for Patch Cable, RJ45, 1 piece, 90°Deg radius Class 100100215: FA-MOD PLC: Other Option
<a href="#">697591</a>	IE-C6A-CON-10pcs CC-Link IE Certified Patch Cable connector, easy clip, RJ45, Cat.6A, 10pcs box Class 100100215: FA-MOD PLC: Other Option
<a href="#">717285</a>	EDS-G2008-EL 8Port Entry-level Unmanaged Switch,10/100/1000BaseT(X),CCLink IE Field/TSN Cl. A Class 100100211: FA-MOD PLC: Network Module
<a href="#">717286</a>	EDS-G2005-EL 5Port Entry-level Unmanaged Switch,10/100/1000BaseT(X),CCLink IE Field/TSN Cl. A Class 100100211: FA-MOD PLC: Network Module