



## MATERIAL FACT SHEET

### 231510 FX3UC-64MT/DSS

#### General Data

Product Hierarchy	IAD213
	Compact PLC
	FX3U
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

#### FA-COM PLC: Main Unit

Series	MELSEC-F SERIES
Type	FX3UC
Power Supply (V)	24
Current Type	DC
Program Memory	32K STEPS
Program Memory Unit	EEPROM
Integrated Digital Inputs	32
Integrated Digital Outputs	32
Output Type	TRANSISTOR
Output Logic	SOURCE
Local I/O Points	256
Local + Remote I/O Points	384
Expandable	YES
Cycle Time LD (ns)	65
Cycle Time MOV (ns)	642
RS-422	1
Power Consumption (W)	11
Buffer Battery	YES
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

#### Product Dimensions & Weight

Width (mm)	59,7
Height (mm)	90
Depth (mm)	74
Weight (kg)	0,3

#### Logistic Dimensions & Gross Weight

Length (cm)	14,0
Width (cm)	11,5
Height (cm)	10,5
Gross Weight (kg)	0,363
Volume (cdm)	1,691

#### Stock Data

Planned Delivery Time (Days)	268
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#### Life Cycle

Sales Start	18.03.2010
Predecessor	210088 / FX3UC-64MT/DSS

#### Additional Product Information

Binding Tariff Information	DEBTI-10854/21-1
BTI validity date	10.10.2024
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	NO
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,RINA
UKCA	COMPLIANT

## Product Packaging

Cardboard (g)	75
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
165286	FX3U-32BL	1	PC

## Compatible products

Material	Description / Price List Text / Classification
31870	FX-20P-CADP GOT FX Series Adapter cable; 0.3 m Class 100100110: FA-COM PLC: Cable
45348	FX0N-65EC PLC, FX Series Connection Cable for Base and Extension units FX0N/FX2N, 0.65m Class 100100110: FA-COM PLC: Cable
70880	FX2N-CNV-BC PLC, FX2N Adapter for FX extension or special function modules Class 100100111: FA-COM PLC: Other Option
76094	FX-422CAB0 RS422 connection cable for FX0/0S/0N/2N Class 100100110: FA-COM PLC: Cable
104508	FX2NC-CNV-IF PLC, FX3UC Communication adapter for FX special function modules Class 100100111: FA-COM PLC: Other Option
104509	FX2NC-100MPCB PLC, FX Series Power supply cable for FX2NC base unit, 1 m Class 100100110: FA-COM PLC: Cable
104510	FX2NC-100BPCB Cable for 24V DC supply to input units Class 100100110: FA-COM PLC: Cable
104511	FX2NC-10BPB1 Crossover cable for input units Class 100100110: FA-COM PLC: Cable

Material	Description / Price List Text / Classification
<a href="#">125189</a>	FX-16E-TB/UL PLC, FX Series Extension terminal block 16 inputs/outputs Class 100100111: FA-COM PLC: Other Option
<a href="#">125584</a>	FX-16E-150CAB PLC, FX Series Connecting cable 1,5 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable
<a href="#">128722</a>	FX-16E-300CAB PLC, FX Series Connecting cable 3 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable
<a href="#">128723</a>	FX-16E-500CAB-S PLC, FX Series Connecting cable 5 m FX2N-XXGM > External devices Class 100100110: FA-COM PLC: Cable
<a href="#">128724</a>	FX-32E-TB/UL PLC, FX Series Extension terminal block 32 inputs/outputs Class 100100111: FA-COM PLC: Other Option
<a href="#">130451</a>	FX-16E-500CAB PLC, FX Series Connecting cable 5 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable
<a href="#">134236</a>	FX-16E-150CAB-R PLC, FX Series Extension terminal block cable, 1,5 m Class 100100110: FA-COM PLC: Cable
<a href="#">134265</a>	FX-16E-300CAB-R PLC, FX Series Extension terminal block cable, 3 m Class 100100110: FA-COM PLC: Cable
<a href="#">134270</a>	FX-16E-500CAB-R PLC, FX Series Extension terminal block cable, 5 m Class 100100110: FA-COM PLC: Cable
<a href="#">149021</a>	TB-16EX-S PLC, FX Series Sensor terminal block for 16 inputs, screw connection Class 100100111: FA-COM PLC: Other Option
<a href="#">149038</a>	TB-EX-CAB-1M PLC, FX Series Connection cable 1 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<a href="#">149039</a>	TB-EX-CAB-3M PLC, FX Series Connection cable 3 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<a href="#">149040</a>	TB-EX-CAB-5M PLC, FX Series Connection cable 5 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<a href="#">149148</a>	TB-20-S PLC, FX Series Terminal block, 20 pin., screw connection Class 100100111: FA-COM PLC: Other Option
<a href="#">159642</a>	FX-232AWC-H RS-422/RS-232C converter to connect FX PLC and PC Class 100100111: FA-COM PLC: Other Option
<a href="#">165278</a>	FX3U-FLROM-16 PLC, FX3U Flash-RAM memory cassette; 16k steps PLC program Class 100100111: FA-COM PLC: Other Option
<a href="#">165279</a>	FX3U-FLROM-64 PLC, FX3U Series Flash-RAM memory cassette; 64k steps PLC program Class 100100111: FA-COM PLC: Other Option
<a href="#">165280</a>	FX3U-FLROM-64L PLC, FX3U Flash-RAM memory cassette; 64K steps PLC program; incl. copy function Class 100100111: FA-COM PLC: Other Option
<a href="#">165286</a>	FX3U-32BL PLC, FX3U/C Battery Class 100100112: FA-COM PLC: Spare Part
<a href="#">165286</a>	FX3U-32BL PLC, FX3U/C Battery Class 100101303: FA-OTHERS: Battery
<a href="#">165288</a>	FX-USB-AW PLC, Interface Converter USB/RS422 between PC and MELSEC PLC, 3 m Class 100100111: FA-COM PLC: Other Option
<a href="#">210091</a>	FX3UC-1PS-5V PLC, FX Series Power Supply module for 5V bus Class 100100111: FA-COM PLC: Other Option
<a href="#">221271</a>	FX-30P PLC, FX Series Hand-held programming unit Class 100100111: FA-COM PLC: Other Option

Material	Description / Price List Text / Classification
<a href="#">230104</a>	FX3U-CF-ADP PLC, FX3U Data logger module; CF card slot; CSV file format Class 100100111: FA-COM PLC: Other Option
<a href="#">234630</a>	GX Works2 V01-2L0C-E PLC Programming –S/W for MELSEC Q/L/F; USB; 2 PCs Class 100101201: FA-Software: Software PLC
<a href="#">234631</a>	GX Works2 V01-5L0C-E SPS Programming-S/W for Melsec Q/L/F;encl;USB;5 PC's Class 100101201: FA-Software: Software PLC
<a href="#">244876</a>	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
<a href="#">244877</a>	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="#">245091</a>	FX2NC-CNV-IF-BS PLC, FX3UC Communication adapter for FX special function modules; coated Class 100100111: FA-COM PLC: Other Option
<a href="#">245565</a>	FX3U-FLROM-1M SPS, FX3U(C) Memory cassette;1MB Class 100100111: FA-COM PLC: Other Option
<a href="#">248245</a>	FX-20P-CAB0 PLC, FX Series Connection Cable with FX-10P-E/FX-20P-ESET0/FX-10DM-E,1,5m Class 100100110: FA-COM PLC: Cable
<a href="#">285598</a>	FX0N-30EC PLC, FX Series Connection Cable for Base and Extension units FX0N/FX2N, 0.30m Class 100100110: FA-COM PLC: Cable
<a href="#">286227</a>	iQ Works V02-2L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;encl;USB;2 PC's Class 100101201: FA-Software: Software PLC
<a href="#">286228</a>	iQ Works V02-5L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;encl;USB;5 PC's Class 100101201: FA-Software: Software PLC
<a href="#">303426</a>	iQ Works V02-15L0C-E iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;encl;USB;15 PC's Class 100101201: FA-Software: Software PLC
<a href="#">338821</a>	iQ Works V02-2L0C-G iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;2 PC's Class 100101201: FA-Software: Software PLC
<a href="#">339022</a>	iQ Works V02-5L0C-G iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;German;USB;5 PC's Class 100101201: FA-Software: Software PLC
<a href="#">401853</a>	iQ Works V02-2L0C-IT iQ Works V2.0;incl Navigator,GX Works,GT Works,MT Works;Italian;USB;2 PCs Class 100101201: FA-Software: Software PLC
<a href="#">413493</a>	TRIO-PS-2G/1AC/24DC/5 Power supply unit for 100-240V AC; Output 24V DC / 5A, DIN rail mounting Class 100100304: FA-HMI: Other Option
<a href="#">414700</a>	TRIO-PS-2G/1AC/24DC/3/C2LPS Power supply unit for 100-240V AC; Output 24V DC / 3A C2LPS, DIN rail mounting Class 100100304: FA-HMI: Other Option
<a href="#">506252</a>	TRIO-PS-2G/1AC/24DC/10 Primary switched power supply; input: single phase, output: 24 VDC/10A, DIN rail Class 100100304: FA-HMI: Other Option
<a href="#">506253</a>	TRIO-PS-2G/1AC/24DC/20 Primary switched power supply; input: single phase, output: 24 VDC/20A, DIN rail Class 100100304: FA-HMI: Other Option
<a href="#">506254</a>	TRIO-PS-2G/3AC/24DC/20 Primary switched power supply; input: 3-phase, output: 24 VDC/20A, DIN rail Class 100100304: FA-HMI: Other Option
<a href="#">506255</a>	TRIO-PS-2G/3AC/24DC/40 Primary switched power supply; input: 3-phase, output: 24 VDC/40A, DIN rail Class 100100304: FA-HMI: Other Option
<a href="#">599623</a>	FX2C-I/O-CON FX Series connector for flat cable; 20 pin; 1,27 pitch; AWG28; 10 pieces set Class 100100111: FA-COM PLC: Other Option
<a href="#">599624</a>	FX2C-I/O-CON-S FX Series connector for loose wire; 20 pin; incl. cripm contacts; AWG22; 5 sets Class 100100111: FA-COM PLC: Other Option

Material	Description / Price List Text / Classification
599625	FX2C-I/O-CON-SA FX Series connector for loose wire; 20 pin; incl. crimp contacts; AWG20; 5 sets Class 100100111: FA-COM PLC: Other Option