



## MATERIAL FACT SHEET

### 230105 FX3UC-32MT-LT-2

#### General Data

Product Hierarchy	IAD213
	Compact PLC
	FX3U
Ext. Material Group	10 EOL ANNOUNCED
ABC Indicator	C (Non-Stock Material / Make-to-Order)

#### FA-COM PLC: Main Unit

Series	MELSEC-F SERIES
Type	FX3UC
Power Supply (V)	24
Current Type	DC
Program Memory	64K STEPS
Program Memory Unit	EEPROM
Integrated Digital Inputs	16
Integrated Digital Outputs	16
Output Type	TRANSISTOR
Output Logic	SINK
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)	7
Buffer Battery	YES
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

#### Product Dimensions & Weight

Width (mm)	55
Height (mm)	90
Depth (mm)	87
Weight (kg)	0,25

#### Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	11,5
Height (cm)	8,0
Gross Weight (kg)	0,380
Volume (cdm)	1,472

#### Stock Data

Planned Delivery Time (Days)	156
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#### Life Cycle

Sales Start	07.01.2010
Discontinued (EOL)	18.03.2021
Last Time Buy (LTB)	28.01.2025
Last Time Purchase (LTP)	28.02.2025
End of Service (EOS)	28.01.2032
Predecessor	No Predecessor
Successor	290900 / FX3U-128ASL-M

### Additional Product Information

Difference to Standard 1	CC-LINK/LT
Binding Tariff Information	DEBTI-10854/21-1
BTI validity date	10.10.2024

### 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
UKCA	COMPLIANT

### Product Packaging

Cardboard (g)	75,2
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

### Compatible products

Material	Description / Price List Text / Classification
<u>31870</u>	FX-20P-CADP GOT FX Series Adapter cable; 0.3 m Class 100100110: FA-COM PLC: Cable
<u>45348</u>	FX0N-65EC PLC, FX Series Connection Cable for Base and Extension units FX0N/FX2N, 0.65m Class 100100110: FA-COM PLC: Cable
<u>70880</u>	FX2N-CNV-BC PLC, FX2N Adapter for FX extension or special function modules Class 100100111: FA-COM PLC: Other Option
<u>76094</u>	FX-422CAB0 RS422 connection cable for FX0/0S/0N/2N Class 100100110: FA-COM PLC: Cable
<u>104508</u>	FX2NC-CNV-IF PLC, FX3UC Communication adapter for FX special function modules Class 100100111: FA-COM PLC: Other Option
<u>104509</u>	FX2NC-100MPCB PLC, FX Series Power supply cable for FX2NC base unit, 1 m Class 100100110: FA-COM PLC: Cable
<u>104510</u>	FX2NC-100BPCB Cable for 24V DC supply to input units Class 100100110: FA-COM PLC: Cable
<u>104511</u>	FX2NC-10BPB1 Crossover cable for input units Class 100100110: FA-COM PLC: Cable
<u>125189</u>	FX-16E-TB/UL PLC, FX Series Extension terminal block 16 inputs/outputs Class 100100111: FA-COM PLC: Other Option
<u>125584</u>	FX-16E-150CAB PLC, FX Series Connecting cable 1,5 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable

Material	Description / Price List Text / Classification
<u>128722</u>	FX-16E-300CAB PLC, FX Series Connecting cable 3 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable
<u>128723</u>	FX-16E-500CAB-S PLC, FX Series Connecting cable 5 m FX2N-XXGM > External devices Class 100100110: FA-COM PLC: Cable
<u>128724</u>	FX-32E-TB/UL PLC, FX Series Extension terminal block 32 inputs/outputs Class 100100111: FA-COM PLC: Other Option
<u>130451</u>	FX-16E-500CAB PLC, FX Series Connecting cable 5 m FX2N-XXGM > terminal block Class 100100110: FA-COM PLC: Cable
<u>134236</u>	FX-16E-150CAB-R PLC, FX Series Extension terminal block cable, 1,5 m Class 100100110: FA-COM PLC: Cable
<u>134265</u>	FX-16E-300CAB-R PLC, FX Series Extension terminal block cable, 3 m Class 100100110: FA-COM PLC: Cable
<u>134270</u>	FX-16E-500CAB-R PLC, FX Series Extension terminal block cable, 5 m Class 100100110: FA-COM PLC: Cable
<u>149021</u>	TB-16EX-S PLC, FX Series Sensor terminal block for 16 inputs, screw connection Class 100100111: FA-COM PLC: Other Option
<u>149038</u>	TB-EX-CAB-1M PLC, FX Series Connection cable 1 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<u>149039</u>	TB-EX-CAB-3M PLC, FX Series Connection cable 3 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<u>149040</u>	TB-EX-CAB-5M PLC, FX Series Connection cable 5 m for terminal block TB-EX / TB-20 Class 100100110: FA-COM PLC: Cable
<u>149148</u>	TB-20-S PLC, FX Series Terminal block, 20 pin., screw connection Class 100100111: FA-COM PLC: Other Option
<u>159642</u>	FX-232AWC-H RS-422/RS-232C converter to connect FX PLC and PC Class 100100111: FA-COM PLC: Other Option
<u>165268</u>	FX3U-7DM PLC, FX Series Display Unit Class 100100111: FA-COM PLC: Other Option
<u>165278</u>	FX3U-FLROM-16 PLC, FX3U Flash-RAM memory cassette; 16k steps PLC program Class 100100111: FA-COM PLC: Other Option
<u>165279</u>	FX3U-FLROM-64 PLC, FX3U Series Flash-RAM memory cassette; 64k steps PLC program Class 100100111: FA-COM PLC: Other Option
<u>165280</u>	FX3U-FLROM-64L PLC, FX3U Flash-RAM memory cassette; 64K steps PLC program; incl. copy function Class 100100111: FA-COM PLC: Other Option
<u>165285</u>	FX3U-CNV-BD PLC, FX3U Communication adapter for MELSEC FX3U ADP special function modules Class 100100111: FA-COM PLC: Other Option
<u>165286</u>	FX3U-32BL PLC, FX3U/C Battery Class 100100112: FA-COM PLC: Spare Part
<u>165286</u>	FX3U-32BL PLC, FX3U/C Battery Class 100101303: FA-OTHERS: Battery
<u>165287</u>	FX3U-7DM-HLD PLC, FX Series Panel Mounting Kit for FX3U-7DM incl. 1.5m cable Class 100100111: FA-COM PLC: Other Option
<u>165288</u>	FX-USB-AW PLC, Interface Converter USB/RS422 between PC and MELSEC PLC, 3 m Class 100100111: FA-COM PLC: Other Option
<u>210091</u>	FX3UC-1PS-5V PLC, FX Series Power Supply module for 5V bus Class 100100111: FA-COM PLC: Other Option

Material	Description / Price List Text / Classification
<a href="#">217535</a>	CL9-FL4-18-500M CC-Link/LT flat network cable; 500 m winding Class 100100110: FA-COM PLC: Cable
<a href="#">217536</a>	CL9-CNF-18 (10pcs) Flat cable connector; CC-Link/LT; for CL9-FL4-18 cable; 10 pcs set 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
<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;engl;USB;5 PC's Class 100101201: FA-Software: Software PLC
<a href="#">237307</a>	FX3U-8AV-BD PLC, FX3U analog setpoint adapter for 8 stpoints Class 100100111: FA-COM PLC: Other Option
<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="#">261190</a>	FX3U-CNV-BD-BS  Class 100100111: FA-COM PLC: Other Option
<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;engl;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;engl;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;engl;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

Material	Description / Price List Text / Classification
<u>506253</u>	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
<u>506254</u>	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
<u>506255</u>	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
<u>599623</u>	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
<u>599624</u>	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
<u>599625</u>	FX2C-I/O-CON-SA FX Series connector for loose wire; 20 pin; incl. cripm contacts; AWG20; 5 sets Class 100100111: FA-COM PLC: Other Option