



MATERIAL FACT SHEET

231467 FX3G-24MR/ES

General Data

Product Hierarchy	IAD214
	Compact PLC
	FX3G
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

FA-COM PLC: Main Unit

Series	MELSEC-F SERIES
Type	FX3G
Power Supply (V)	100-240
Current Type	AC
Program Memory	32K STEPS
Program Memory Unit	EEPROM
Integrated Digital Inputs	14
Integrated Digital Outputs	10
Output Type	RELAY
Local I/O Points	128
Local + Remote I/O Points	256
Expandable	YES
Cycle Time LD (ns)	210
Cycle Time MOV (ns)	500
USB	1
RS-422	1
Power Consumption (W)	32
Buffer Battery	OPTION
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

Product Dimensions & Weight

Width (mm)	90
Height (mm)	90
Depth (mm)	86
Weight (kg)	0,55

Logistic Dimensions & Gross Weight

Length (cm)	12,5
Width (cm)	12,5
Height (cm)	11,0
Gross Weight (kg)	0,594
Volume (cdm)	1,719

Stock Data

Planned Delivery Time (Days)	240
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Life Cycle

Sales Start	18.03.2010
Predecessor	221273 / FX3G-24MR/ES

Additional Product Information

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
UL/cUL	COMPLIANT
EAC	COMPLIANT
Shipping Approvals	ABS,BV,DNV GL,KR,LR,NK,RINA
UKCA	COMPLIANT

Product Packaging

Cardboard (g)	84
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	
159642 FX-232AWC-H RS-422/RS-232C converter to connect FX PLC and PC Class 100100111: FA-COM PLC: Other Option	
165286 FX3U-32BL PLC, FX3U/C Battery Class 100100112: FA-COM PLC: Spare Part	
165286 FX3U-32BL PLC, FX3U/C Battery Class 100101303: FA-OTHERS: Battery	
169507 FX3U-1PSU-5V PLC, FX Series Power supply module for 5V bus Class 100100111: FA-COM PLC: Other Option	

Material Description / Price List Text / Classification	
221252 FX3G-422-BD	PLC, FX3G Interface adapter RS422 Class 100100107: FA-COM PLC: Serial Com Module
221253 FX3G-485-BD	PLC, FX3G Interface module RS485, 1:n Multidrop, network expansion until 50 m Class 100100107: FA-COM PLC: Serial Com Module
221254 FX3G-232-BD	PLC, FX3G Interface module RS232C Class 100100107: FA-COM PLC: Serial Com Module
221265 FX3G-2AD-BD	PLC, FX3G Analog adapter, 2 analog inputs, 12bit Class 100100103: FA-COM PLC: Analogue I/O Module
221266 FX3G-1DA-BD	PLC, FX3G Analog adapter, 1 analog output, 12bit Class 100100103: FA-COM PLC: Analogue I/O Module
221267 FX3G-8AV-BD	PLC, FX3G Analog setpoint adapter for 8 setpoint values Class 100100111: FA-COM PLC: Other Option
221268 FX3G-CNV-ADP	PLC, FX3G ADP adapter for FX3U ADP modules Class 100100111: FA-COM PLC: Other Option
221269 FX3G-EEPROM-32L	PLC, FX3G EEPROM memory cassette/loader; 32k steps PLC program Class 100100111: FA-COM PLC: Other Option
221270 FX3G-5DM	PLC, FX3G Display Unit Class 100100111: FA-COM PLC: Other Option
221271 FX-30P	PLC, FX Series Hand-held programming unit Class 100100111: FA-COM PLC: Other Option
221540 USB-CAB-5M	USB 2.0 connection cable, 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; 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
248245 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
271699 FX3G-485-BD-RJ	FX3G RS485 BD Board; RJ45 Connector Type Class 100100107: FA-COM PLC: Serial Com Module
271700 FX3G-4EX-BD	FX3G BD Board 4 Inputs DC24V Class 100100102: FA-COM PLC: Digital I/O Module
271701 FX3G-2EYT-BD	FX3G BD Board 2 Transistor Outputs Class 100100102: FA-COM PLC: Digital I/O Module
285598 FX0N-30EC	PLC, FX Series Connection Cable for Base and Extension units FX0N/FX2N, 0.30m Class 100100110: FA-COM PLC: Cable
286227 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
286228 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
303426 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

Material Description / Price List Text / Classification	
338821 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
339022 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
401853 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