



## MATERIAL FACT SHEET

### 264869 FX3GE-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	FX3GE
Power Supply (V)	100-240
Current Type	AC
Program Memory	32K STEPS
Program Memory Unit	EEPROM
Integrated Digital Inputs	14
Integrated Digital Outputs	10
Integrated Analogue Inputs	2
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
Ethernet Port	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)	130
Height (mm)	90
Depth (mm)	86
Weight (kg)	0,6

#### Logistic Dimensions & Gross Weight

Length (cm)	15,5
Width (cm)	12,5
Height (cm)	11,8
Gross Weight (kg)	0,687
Volume (cdm)	2,286

#### Stock Data

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

Sales Start	02.07.2013
Predecessor	No Predecessor

#### 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
UKCA	COMPLIANT

**Product Packaging**

Cardboard (g)	97
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				
491718 FX3GE-24M COVER TOP 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
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; engl; 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
278166 SC-E5EW-S45M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 45m Class 100100214: FA-MOD PLC: Cable
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
291807 SC-E5EW-S1M-MV	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable

Material Description / Price List Text / Classification	
291808 SC-E5EW-S3M-MV	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m Class 100100214: FA-MOD PLC: Cable
295425 SC-E5EW-S05M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 0,5m Class 100100214: FA-MOD PLC: Cable
295426 SC-E5EW-S1M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable
295427 SC-E5EW-S3M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable
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
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
413182 SC-E5EW-S10M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 10m Class 100100214: FA-MOD PLC: Cable
413183 SC-E5EW-S25M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 25m Class 100100214: FA-MOD PLC: Cable
413184 SC-E5EW-S5M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m Class 100100214: FA-MOD PLC: Cable
486376 SC-E5EW-S2M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable
486377 SC-E5EW-S4M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m Class 100100214: FA-MOD PLC: Cable
487403 SC-E5EW-S15M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 15m Class 100100214: FA-MOD PLC: Cable
487404 SC-E5EW-S20M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 20m Class 100100214: FA-MOD PLC: Cable
557483 SC-E5EW-S100M	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 100m Class 100100214: FA-MOD PLC: Cable