



## MATERIAL FACT SHEET

### 269917 FX3GE-24MR/DS

#### General Data

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

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000269917](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000269917)

#### FA-COM PLC: Main Unit

Series	MELSEC-F SERIES
Type	FX3GE
Power Supply (V)	24
Current Type	DC
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)	11,0
Gross Weight (kg)	0,626
Volume (cdm)	2,131

#### Stock Data

Planned Delivery Time (Days)	72
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#### Life Cycle

Sales Start	03.12.2013
Predecessor	No Predecessor

#### Additional Product Information

Binding Tariff Information	DEBTI-10854/21-1
BTI validity date	10.10.2024

Battery included	NO
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### Export Data

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

### Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FX3GE-24MR/DS&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FX3GE-24MR/DS&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=FX3GE-24MR/DS&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FX3GE-24MR/DS&amp;doc-lang=en</a>

### 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
<a href="#">165286</a>	FX3U-32BL	1	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">31870</a>	FX-20P-CADP GOT FX Series Adapter cable; 0.3 m Class 100100110: FA-COM PLC: Cable
<a href="#">45348</a>	FX0N-65EC PLC, FX Series Connection Cable for Base and Extension units FX0N/FX2N, 0.65m Class 100100110: FA-COM PLC: Cable
<a href="#">70880</a>	FX2N-CNV-BC PLC, FX2N Adapter for FX extension or special function modules Class 100100111: FA-COM PLC: Other Option
<a href="#">76094</a>	FX-422CAB0 RS422 connection cable for FX0/0S/0N/2N Class 100100110: FA-COM PLC: Cable
<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="#">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="#">169507</a>	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
<a href="#">221252</a>	FX3G-422-BD PLC, FX3G Interface adapter RS422 Class 100100107: FA-COM PLC: Serial Com Module
<a href="#">221253</a>	FX3G-485-BD PLC, FX3G Interface module RS485, 1:n Multidrop, network expansion until 50 m Class 100100107: FA-COM PLC: Serial Com Module
<a href="#">221254</a>	FX3G-232-BD PLC, FX3G Interface module RS232C Class 100100107: FA-COM PLC: Serial Com Module
<a href="#">221265</a>	FX3G-2AD-BD PLC, FX3G Analog adapter, 2 analog inputs, 12bit Class 100100103: FA-COM PLC: Analogue I/O Module
<a href="#">221266</a>	FX3G-1DA-BD PLC, FX3G Analog adapter, 1 analog output, 12bit Class 100100103: FA-COM PLC: Analogue I/O Module
<a href="#">221267</a>	FX3G-8AV-BD PLC, FX3G Analog setpoint adapter for 8 setpoint values Class 100100111: FA-COM PLC: Other Option
<a href="#">221269</a>	FX3G-EEPROM-32L PLC, FX3G EEPROM memory cassette/loader; 32k steps PLC program Class 100100111: FA-COM PLC: Other Option
<a href="#">221270</a>	FX3G-5DM PLC, FX3G Display Unit 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="#">221540</a>	USB-CAB-5M USB 2.0 connection cable, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
<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 PLC Programming –S/W for MELSEC Q/L/F; engl; 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="#">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="#">271699</a>	FX3G-485-BD-RJ FX3G RS485 BD Board; RJ45 Connector Type Class 100100107: FA-COM PLC: Serial Com Module
<a href="#">271700</a>	FX3G-4EX-BD FX3G BD Board 4 Inputs DC24V Class 100100102: FA-COM PLC: Digital I/O Module
<a href="#">271701</a>	FX3G-2EYT-BD FX3G BD Board 2 Transistor Outputs Class 100100102: FA-COM PLC: Digital I/O Module
<a href="#">278166</a>	SC-E5EW-S45M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 45m Class 100100214: FA-MOD 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; 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
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
413493	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
414700	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
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
506252	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
506253	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
506254	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
506255	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
557483	SC-E5EW-S100M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m Class 100100214: FA-MOD PLC: Cable