



MATERIAL FACT SHEET

271654 FX3S-30MR/ES-2AD

General Data

Product Hierarchy	IAD215
	Compact PLC
	FX3S
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

FA-COM PLC: Main Unit

Series	MELSEC-F SERIES
Type	FX3S
Power Supply (V)	100-240
Current Type	AC
Program Memory	16K STEPS
Program Memory Unit	EEPROM
Integrated Digital Inputs	16
Integrated Digital Outputs	14
Integrated Analogue Inputs	2
Output Type	RELAY
Local I/O Points	30
Local + Remote I/O Points	30
Expandable	NO
Cycle Time LD (ns)	210
Cycle Time MOV (ns)	500
USB	1
RS-422	1
Power Consumption (W)	21
Buffer Battery	NO
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

Product Dimensions & Weight

Width (mm)	100
Height (mm)	90
Depth (mm)	75
Weight (kg)	0,45

Logistic Dimensions & Gross Weight

Length (cm)	14,0
Width (cm)	11,0
Height (cm)	10,0
Gross Weight (kg)	0,472
Volume (cdm)	1,540

Stock Data

Planned Delivery Time (Days)	156
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Life Cycle

Sales Start	21.02.2014
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
Shipping Approvals	ABS,BV,DNV GL,LR,NK
UKCA	COMPLIANT

Product Packaging

Cardboard (g)	73
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
613197	FX3S COVER USB	1	PC
613198	FX3S COVER TERMINAL	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
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
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

Material	Description / Price List Text / Classification
<u>221266</u>	FX3G-1DA-BD PLC, FX3G Analog adapter, 1 analog output, 12bit Class 100100103: FA-COM PLC: Analogue I/O Module
<u>221267</u>	FX3G-8AV-BD PLC, FX3G Analog setpoint adapter for 8 setpoint values Class 100100111: FA-COM PLC: Other Option
<u>221269</u>	FX3G-EEPROM-32L PLC, FX3G EEPROM memory cassette/loader; 32k steps PLC program Class 100100111: FA-COM PLC: Other Option
<u>221271</u>	FX-30P PLC, FX Series Hand-held programming unit Class 100100111: FA-COM PLC: Other Option
<u>221540</u>	USB-CAB-5M USB 2.0 connection cable, plug USB A to plug USB B (mini), 5m Class 100100303: FA-HMI: Cable
<u>234630</u>	GX Works2 V01-2L0C-E PLC Programming -S/W for MELSEC Q/L/F; USB; 2 PCs Class 100101201: FA-Software: Software PLC
<u>234631</u>	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
<u>244876</u>	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
<u>244877</u>	GX Works2 V01-5L0C-G PLC Programming -S/W for MELSEC Q/L/F; USB; 5 PCs Class 100101201: FA-Software: Software PLC
<u>248245</u>	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
<u>267132</u>	FX3S-CNV-ADP FX3S ADP Adaptor for FX3U ADP Modules Class 100100111: FA-COM PLC: Other Option
<u>271699</u>	FX3G-485-BD-RJ FX3G RS485 BD Board; RJ45 Connector Type Class 100100107: FA-COM PLC: Serial Com Module
<u>271700</u>	FX3G-4EX-BD FX3G BD Board 4 Inputs DC24V Class 100100102: FA-COM PLC: Digital I/O Module
<u>271701</u>	FX3G-2EYT-BD FX3G BD Board 2 Transistor Outputs Class 100100102: FA-COM PLC: Digital I/O Module
<u>282202</u>	FX3S-5DM PLC, FX3S Display Unit Class 100100111: FA-COM PLC: Other Option
<u>286227</u>	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
<u>286228</u>	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
<u>303426</u>	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
<u>338821</u>	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
<u>339022</u>	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
<u>401853</u>	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