



## MATERIAL FACT SHEET

### 237306 FX3UC-16MR/DS-T

#### General Data

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

e-shop: <https://emea-fa.mitsubishielectric.com/fa/shop/material-page/00000000000237306>

#### 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	8
Integrated Digital Outputs	8
Output Type	RELAY
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)	6
Buffer Battery	YES
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

#### Product Dimensions & Weight

Width (mm)	34
Height (mm)	90
Depth (mm)	74
Weight (kg)	0,25

#### Logistic Dimensions & Gross Weight

Length (cm)	14,0
Width (cm)	11,5
Height (cm)	10,5
Gross Weight (kg)	0,320
Volume (cdm)	1,691

#### Stock Data

Planned Delivery Time (Days)	119
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#### Life Cycle

Sales Start	11.01.2011
Predecessor	128141 / FX2NC-16MR-T-DS
Successor	<a href="#">413832 / FX5UC-32MR/DS-TS</a>

#### Additional Product Information

Binding Tariff Information	DEBTI-45394/25-1
BTI validity date	25.01.2029
Battery included	YES - CHECK SPARE PART LIST
Product Code	PLC(HIMEJI)

## 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	NON-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=FX3UC-16MR/DS-T&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FX3UC-16MR/DS-T&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=FX3UC-16MR/DS-T&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FX3UC-16MR/DS-T&amp;doc-lang=en</a>

## Product Packaging

Cardboard (g)	75
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
144881	FX1N DC FUSE SSTC3, 15A	1	PC
<a href="#">165286</a>	FX3U-32BL Battery	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="#">104508</a>	FX2NC-CNV-IF PLC, FX3UC Communication adapter for FX special function modules Class 100100111: FA-COM PLC: Other Option
<a href="#">104509</a>	FX2NC-100MPCB PLC, FX Series Power supply cable for FX2NC base unit, 1 m Class 100100110: FA-COM PLC: Cable
<a href="#">104510</a>	FX2NC-100BPCB Cable for 24V DC supply to input units Class 100100110: FA-COM PLC: Cable
<a href="#">104511</a>	FX2NC-10BPCB1 Crossover cable for input units Class 100100110: FA-COM PLC: Cable

Material	Description / Price List Text / Classification
<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="#">165278</a>	FX3U-FLROM-16 PLC, FX3U Flash-RAM memory cassette; 16k steps PLC program Class 100100111: FA-COM PLC: Other Option
<a href="#">165279</a>	FX3U-FLROM-64 PLC, FX3U Series Flash-RAM memory cassette; 64k steps PLC program Class 100100111: FA-COM PLC: Other Option
<a href="#">165280</a>	FX3U-FLROM-64L PLC, FX3U Flash-RAM memory cassette; 64K steps PLC program; incl. copy function Class 100100111: FA-COM PLC: Other Option
<a href="#">165286</a>	FX3U-32BL Battery Battery for PLC types FX3 / FX5 Class 100100112: FA-COM PLC: Spare Part
<a href="#">165286</a>	FX3U-32BL Battery Battery for PLC types FX3 / FX5 Class 100101303: FA-OTHERS: Battery
<a href="#">165288</a>	FX-USB-AW PLC, Interface Converter USB/RS422 between PC and MELSEC PLC, 3 m Class 100100111: FA-COM PLC: Other Option
<a href="#">210091</a>	FX3UC-1PS-5V PLC, FX Series Power Supply module for 5V bus Class 100100111: FA-COM PLC: Other Option
221271	FX-30P PLC, FX Series Hand-held programming unit Class 100100111: FA-COM PLC: Other Option
230104	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 2L-USB PLC Programming Software for MELSEC Q/L/F, English, 2 Licences USB Class 100101201: FA-Software: Software PLC
234631	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
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
245091	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="#">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 2L-USB iQ Works V2.0,inc Navigator/GX/GT/MT Works/RT Toolbox3 inc SIM,Eng,2 Licence USB Class 100101201: FA-Software: Software PLC
<a href="#">286228</a>	iQ Works 5L-USB iQ Works V2.0,inc Navigator/GX/GT/MT Works/RT Toolbox3 inc SIM,Eng,5 Licence USB 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
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

Material	Description / Price List Text / Classification
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
<a href="#">506255</a>	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
<a href="#">737856</a>	STEP3-PS/1AC/24DC/2.5/PT Power Supply; input: 1-phase 100-230VAC; output: 22-27VDC/2.5A; push-in Class 100100202: FA-MOD PLC: Power Supply Module
<a href="#">737857</a>	TRIO3-PS/1AC/24DC/5 Power Supply; input: 1-phase 100-230VAC; output: 24-28VDC/5A; push-in Class 100100202: FA-MOD PLC: Power Supply Module
<a href="#">737858</a>	TRIO3-PS/1AC/24DC/10 Power Supply; input: 1-phase 100-230VAC; output: 24-28VDC/10A; push-in Class 100100202: FA-MOD PLC: Power Supply Module
<a href="#">737859</a>	TRIO3-PS/1AC/24DC/20 Power Supply; input: 1-phase 100-230VAC; output: 24-28VDC/20A; push-in Class 100100202: FA-MOD PLC: Power Supply Module
<a href="#">737860</a>	TRIO3-PS/3AC/24DC/20 Power Supply; input: 3-phase 400-500VAC; output: 24-28VDC/20A; push-in Class 100100202: FA-MOD PLC: Power Supply Module