



MATERIAL FACT SHEET

685401 FX5S-30MR/ES

General Data

Product Hierarchy	IAD21705
	Compact PLC
	FX5S CPU
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: <https://emea-fa.mitsubishielectric.com/fa/shop/material-page/00000000000685401>

FA-COM PLC: Main Unit

Series	MELSEC IQ-F SERIES
Type	FX5S
Power Supply (V)	100-240
Current Type	AC
Program Memory	48K STEPS
Program Memory Unit	FLASH
Integrated Digital Inputs	16
Integrated Digital Outputs	14
Output Type	RELAY
Local I/O Points	30
Local + Remote I/O Points	256
Expandable	NO
Cycle Time LD (ns)	84
Cycle Time MOV (ns)	100
USB	1
Ethernet Port	1
Power Consumption (W)	28
Protection Class	IP10
Min. Ambient Temperature (°C)	-20
Max. Ambient Temperature (°C)	55

Product Dimensions & Weight

Weight (kg)	0,45
-------------	------

Logistic Dimensions & Gross Weight

Length (cm)	15,0
Width (cm)	15,0
Height (cm)	11,0
Gross Weight (kg)	0,600
Volume (cdm)	2,475

Stock Data

Planned Delivery Time (Days)	119
------------------------------	-----

Life Cycle

Sales Start	15.02.2023
Predecessor	231467 / FX3G-24MR/ES

Additional Product Information

Battery included	NO
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	YES
REACH Substance CAS Number	119313-12-1
REACH Substance CAS Number (2)	119344-86-4
REACH Substance CAS Number (3)	12060-00-3
REACH Substance CAS Number (4)	29420-49-3
REACH Substance CAS Number (5)	629-14-1
REACH Substance CAS Number (6)	7439-92-1
REACH Substance CAS Number (7)	75980-60-8
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
EAC	NON-COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=FX5S-30MR/ES&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=FX5S-30MR/ES&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=FX5S-30MR/ES&doc-lang=en

Product Packaging

Cardboard (g)	126,5
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	0,6
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
697551	IE-C6A-0.2m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.2m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697582	IE-C6A-0.5m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.5m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697583	IE-C6A-1.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 1.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697584	IE-C6A-2.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 2.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697585	IE-C6A-5.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 5.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697586	IE-C6A-10.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 10.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697587	IE-C6A-15.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 15.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697588	IE-C6A-20.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 20.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697589	IE-C6A-25.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 25.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
697590	IE-CB-1piece CC-Link Bending tool for Patch Cable, RJ45, 1 piece, 90°Deg radius Class 100100215: FA-MOD PLC: Other Option
697591	IE-C6A-CON-1pc CC-Link IE Certified Patch Cable connector, easy clip, RJ45, Cat.6A, 1pc Class 100100215: FA-MOD PLC: Other Option
717285	EDS-G2008-EL 8Port Entry-level Unmanaged Switch,10/100/1000BaseT(X),CCLink IE Field/TSN Cl. A Class 100100211: FA-MOD PLC: Network Module
717286	EDS-G2005-EL 5Port Entry-level Unmanaged Switch,10/100/1000BaseT(X),CCLink IE Field/TSN Cl. A Class 100100211: FA-MOD PLC: Network Module