



## MATERIAL FACT SHEET

### 685466 FX5S-40MT/ESS

#### General Data

Product Hierarchy	IAD21705
	Compact PLC
	FX5S CPU
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/00000000000685466>

#### 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	24
Integrated Digital Outputs	16
Output Type	TRANSISTOR
Output Logic	SOURCE
Local I/O Points	40
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)	30
Protection Class	IP10
Min. Ambient Temperature (°C)	-20
Max. Ambient Temperature (°C)	55

#### Product Dimensions & Weight

Weight (kg)	0,55
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#### Logistic Dimensions & Gross Weight

Length (cm)	18,0
Width (cm)	15,0
Height (cm)	11,0
Gross Weight (kg)	0,600
Volume (cdm)	2,970

#### Stock Data

Planned Delivery Time (Days)	91
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#### Life Cycle

Sales Start	15.02.2023
Predecessor	<a href="#">231472 / FX3G-40MT/ESS</a>

#### 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	<a href="#">119344-86-4</a>
REACH Substance CAS Number (2)	<a href="#">12060-00-3</a>
REACH Substance CAS Number (3)	<a href="#">29420-49-3</a>
REACH Substance CAS Number (4)	<a href="#">629-14-1</a>
REACH Substance CAS Number (5)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (6)	<a href="#">75980-60-8</a>
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	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FX5S-40MT/ESS&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FX5S-40MT/ESS&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=FX5S-40MT/ESS&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FX5S-40MT/ESS&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=FX5S-40MT/ESS&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=FX5S-40MT/ESS&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	142,7
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
<a href="#">697551</a>	IE-C6A-0.2m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.2m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697582</a>	IE-C6A-0.5m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.5m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697583</a>	IE-C6A-1.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 1.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697584</a>	IE-C6A-2.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 2.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697585</a>	IE-C6A-5.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 5.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697586</a>	IE-C6A-10.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 10.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697587</a>	IE-C6A-15.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 15.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697588</a>	IE-C6A-20.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 20.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
<a href="#">697589</a>	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
<a href="#">697590</a>	IE-CB-1piece CC-Link Bending tool for Patch Cable, RJ45, 1 piece, 90°Deg radius Class 100100215: FA-MOD PLC: Other Option
<a href="#">697591</a>	IE-C6A-CON-1pc CC-Link IE Certified Patch Cable connector, easy clip, RJ45, Cat.6A, 1pc Class 100100215: FA-MOD PLC: Other Option
<a href="#">717285</a>	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
<a href="#">717286</a>	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