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MATERIAL FACT SHEET

733091 MXF100-16-N32

General Data

Product Hierarchy	IAD21901
	Compact PLC
	MX-F Controller
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000733091>

FA-COM PLC: Main Unit

Series	MX-F
Type	MX-F CONTROLLER
Power Supply (V)	24
Current Type	DC
Program Memory	30M BYTES
Integrated Digital Inputs	16
Integrated Digital Outputs	16
Output Type	TRANSISTOR
Output Logic	SINK
Local I/O Points	16
Local + Remote I/O Points	256
Expandable	NO
Cycle Time MOV (ns)	1.25
USB	1
Ethernet Port	1
Power Consumption (W)	13.6
Protection Class	IP10
Min. Ambient Temperature (°C)	0
Max. Ambient Temperature (°C)	55

Logistic Dimensions & Gross Weight

Length (cm)	15,0
Width (cm)	15,0
Height (cm)	14,0
Gross Weight (kg)	0,550
Volume (cdm)	3,150

Stock Data

Planned Delivery Time (Days)	119
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Life Cycle

Sales Start	08.11.2024
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85371091
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

Dangerous Goods Class	NO
Dangerous Goods Identifier	NO

RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT

Product Packaging

Cardboard (g)	123
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	7
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
750036	MXF100-(8/16)-(N/P)32 CONNECTOR 24V	1	PC

Compatible products

Material	Description / Price List Text / Classification
165286	FX3U-32BL Battery Battery for PLC types FX3 / FX5 Class 100100112: FA-COM PLC: Spare Part
165286	FX3U-32BL Battery Battery for PLC types FX3 / FX5 Class 100101303: FA-OTHERS: Battery
611543	NZ2MHG-TSNT8F2 CC-Link IE TSN class A/B industrial managed switch; 8 ports; 2xSFP; 10M/100M/1G Class 100100211: FA-MOD PLC: Network Module
612268	Transcend SDHC Card 8GB Class 4 SDHC memory card 8GB; Class 4; R: 18MB/s; W: 6MB/s Class 100100304: FA-HMI: Other Option
676510	NZ2MHG-TSNT4 CC-Link IE TSN class A/B industrial managed switch; 4 ports; 10M/100M/1G Class 100100211: FA-MOD PLC: Network Module
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
737856	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
737857	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
737858	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
737859	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
737860	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
742447	Transcend microSDHC 16 GB Class 10 16GB microSDHC, class 10, 95 MB/s read, 45 MB/s write, adapter included Class 100100215: FA-MOD PLC: Other Option
743755	USB-C/USB-C Cable 2m USB-C to USB-C Cable 2m black - 25k bends - 60W fast charge Class 100100214: FA-MOD PLC: Cable
743756	USB-C/USB-A Cable 3m USB-C to USB-A Cable 3m black - 25k bends - 15W Class 100100214: FA-MOD PLC: Cable
743757	USB-C/USB-C Braided Cable 3m USB-C to USB-C Braided Cable 3m black - 30k bends - 100W fast charge Class 100100214: FA-MOD PLC: Cable
743758	USB-C/USB-A Braided Cable 3m USB-C to USB-A Braided Cable 3m black - 30k bends - 15W Class 100100214: FA-MOD PLC: Cable
750015	iQ-F/R/MXF IO Terminal Block 18pins 1pc 18 Pin Terminal Block Spare Part - black, suitable for FX5,MXF,iQ-R modules Class 100100215: FA-MOD PLC: Other Option
750036	MXF100-(8/16)-(N/P)32 CONNECTOR 24V 24V power supply connector for PLC types MXF100-(8/16)-(N/P)32 Class 100100112: FA-COM PLC: Spare Part