



MATERIAL FACT SHEET

279545 RX42C4

General Data

Product Hierarchy	IAD51401
	Modular PLC
	IQ-R Standard
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000279545

FA-MOD PLC: Digital Input Module

Series	MELSEC IQ-R SERIES
Type	DC INPUT
Power Supply (V)	24
Current Type	DC
Occupied I/O Points on PLC	32
Integrated Digital Inputs	64
Rated Input Voltage (VDC)	24
Wiring	SCREW
Int. Current Consumption (A)	0,18

Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	98 (106)
Depth (mm)	110
Weight (kg)	0,13

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	5,0
Gross Weight (kg)	0,210
Volume (cdm)	1,200

Stock Data

Planned Delivery Time (Days)	75
------------------------------	----

Life Cycle

Sales Start	09.12.2014
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
------------------	----

Export Data

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	7439-92-1
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,RINA
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=RX42C4&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=RX42C4&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=RX42C4&doc-lang=en

Product Packaging

Cardboard (g)	45
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

Compatible products

Material	Description / Price List Text / Classification
39511	A6TBXY36 Terminal block; positive common input- sink/source output modules, one wire Class 100100215: FA-MOD PLC: Other Option
75398	AC05TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 0,5 m Class 100100214: FA-MOD PLC: Cable
75400	AC10TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 1 m Class 100100214: FA-MOD PLC: Cable
75537	A6TBXY54 Terminal block; positive common input- sink/source output modules, two wire Class 100100215: FA-MOD PLC: Other Option
75540	A6TBX70 Terminal block; positive common input modules, three wire Class 100100215: FA-MOD PLC: Other Option
88266	AC30TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 3 m Class 100100214: FA-MOD PLC: Cable
134139	A6CON1 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, soldering Class 100100215: FA-MOD PLC: Other Option
134140	A6CON2 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, crimp Class 100100215: FA-MOD PLC: Other Option
134141	A6CON3 PLC Connection-plug for I/O-Modules Source-Input/Sink-Output, wrap Class 100100215: FA-MOD PLC: Other Option
140991	Q40CBL-3M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 3 m, open end Class 100100214: FA-MOD PLC: Cable
140997	Q40CBL-5M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 5 m open end Class 100100214: FA-MOD PLC: Cable
142323	AC20TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 2 m Class 100100214: FA-MOD PLC: Cable
146923	A6CON4 PLC Connection-plug for I/O-Modules as A6CON-1 w/ 45 degree cable-outlet Class 100100215: FA-MOD PLC: Other Option
158068	Q40CBL-10M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
158069	Q40CBL-15M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 15 m open end Class 100100214: FA-MOD PLC: Cable
167119	FA-TB32XY 32 I/O terminal block type; screw type Class 100100299: FA-MOD PLC: Sets
202286	FA-CBL05FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 0,5 m Class 100100214: FA-MOD PLC: Cable
204129	AC50TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 5 m Class 100100214: FA-MOD PLC: Cable
227165	FA-CBL10FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 1 m Class 100100214: FA-MOD PLC: Cable
228767	FA-CBL30FM2V Cable for PLC terminal block, 3m Class 100100214: FA-MOD PLC: Cable
231229	AC80TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 8 m Class 100100214: FA-MOD PLC: Cable
248981	FA-CB16XY1 Terminal block conversion module; 16 points; PLC I/O to one-touch connector Class 100100299: FA-MOD PLC: Sets
248982	FA-TB16XY2 Terminal block; 16-point distributed type for 32-point PLC I/O; 3-w (FA-TB16XY1) Class 100100299: FA-MOD PLC: Sets
248983	FA-TB8XY1 Terminal block; 8-point distributed type for 32-point PLC I/O; (FA-TB8XY*) Class 100100299: FA-MOD PLC: Sets
257424	FA-CBL20FMVE Cable for PLC terminal block, 2m Class 100100214: FA-MOD PLC: Cable
277325	FA-CBL10FMVE Cable for PLC terminal block, negative common type input module; 1m Class 100100214: FA-MOD PLC: Cable
278025	FA-CBL05FMVE MELSEC Connection cable - Vertical Round cable 0,5m Class 100100214: FA-MOD PLC: Cable
278031	FA-TB32XYH Screw Terminal Conversion Unit - MELSEC 32 POINT WITH LED SOURCE TYPE Class 100100215: FA-MOD PLC: Other Option
278033	FA-CBL10FM2V Connection Cable - VERTICAL ROUND CABLE 1.0m Class 100100214: FA-MOD PLC: Cable
278130	FA-CBL50FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 5 m Class 100100214: FA-MOD PLC: Cable
279593	FA-TB16XY Connector 16point terminal conversion unit Class 100100215: FA-MOD PLC: Other Option
279594	FA-TBS40P Srew terminal Conversion Unit; (Small) General Connector to Screw Conversion Class 100100215: FA-MOD PLC: Other Option
279747	FA-CBL05FMV-M 0.5m I/O Unit Connection Horizontal Round 40 Core Cable Class 100100214: FA-MOD PLC: Cable
279748	FA-CBL30FMV-M 3.0m; I/O Unit Connection Horizontal Round 40 Core Cable Class 100100214: FA-MOD PLC: Cable
279749	FA-CBL30FMVE 3.0m; Common Type input Unit Vertical Round 40Core Cable; D-Sub Connector type) Class 100100214: FA-MOD PLC: Cable
279750	FA-CBL30FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 3 m Class 100100214: FA-MOD PLC: Cable
280077	FA-CBL20FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 2.0m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
280078	FA-CBL30FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 3.0m Class 100100214: FA-MOD PLC: Cable
280079	FA-CBL50FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 5.0m Class 100100214: FA-MOD PLC: Cable
280080	FA-CBL80FV Connector digital IO conversion unit connection cable (DC); 40 core cable;8.0m Class 100100214: FA-MOD PLC: Cable
301917	FA-TB16XY1 Terminal block; 16-point distributed type for 32-point PLC I/O; 3-w (FA-TB16XY2) Class 100100299: FA-MOD PLC: Sets
301918	FA-TB8XY3 Screw terminal Conversion unit; 8 point separate type Class 100100299: FA-MOD PLC: Sets
301919	FA-TB8XY4 Screw Terminal Conversion Unit; 8 point separate type Class 100100299: FA-MOD PLC: Sets
301920	FA-CBL50MMH Connection cable for DC-dedicated distributed type conversion modules; 5 m Class 100100214: FA-MOD PLC: Cable
301921	FA-CBL05MMH Connection cable for DC-dedicated distributed type conversion modules; 0,5 m Class 100100214: FA-MOD PLC: Cable
305748	FA-CBL20FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 2 m Class 100100214: FA-MOD PLC: Cable
305749	FA-CBL10FMV-M Connection cable PLC IO unit to Terminal block conversion unit 1m Class 100100214: FA-MOD PLC: Cable
305750	FA-CBL20FMV-M Connection cable PLC IO unit to Terminal block conversion unit 2m Class 100100214: FA-MOD PLC: Cable
305751	FA-TBS32XY 32-point terminal block type; screw type Class 100100215: FA-MOD PLC: Other Option
305765	FA-TB32XYN3 Terminal block conversion unit MELSEC PLC connector For I / O unit; screw Class 100100215: FA-MOD PLC: Other Option
305766	FA-TB32XYP3 Terminal block conversion unit MELSEC PLC connector For I / O unit; screw Class 100100215: FA-MOD PLC: Other Option
308387	FA1-TESV32XY Connector Spring Clamp 32 Point Terminal Conversion Unit Class 100100215: FA-MOD PLC: Other Option
314841	Q40CBL-10M-S PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm²,flex Class 100100214: FA-MOD PLC: Cable
314842	Q40CBL-15M-S PLC Connection cable 40-pin modules(A6CON-type),15m open,LiYY 40x0,14 mm²,flex Class 100100214: FA-MOD PLC: Cable
412471	FA-TB32XYL 32 I/O terminal block type; LED indicator screw type Class 100100215: FA-MOD PLC: Other Option
492023	FA-TH16X24D31 Terminal block for input modules; 16 inputs; 24V DC; screw terminal; 2-wire Class 100100215: FA-MOD PLC: Other Option
578107	FA-CBL50FMV-M Connection cable PLC IO unit to Terminal block conversion unit 5m Class 100100214: FA-MOD PLC: Cable