

MATERIAL FACT SHEET

279549 RY42NT2P

General Data

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

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/0000000000000279549

FA-MOD PLC: Digital Output Module

Series	MELSEC IQ-R SERIES
Type	TRANSISTOR OUTPUT (SINK)
Power Supply (V)	12/24
Current Type	DC
Occupied I/O Points on PLC	64
Integrated Digital Outputs	64
Output Type	TRANSISTOR
Output Logic	SINK
Rated Load Voltage (VDC)	12-24
Wiring	CONNECTOR
Int. Current Consumption (A)	0,25

Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	98 (106)
Depth (mm)	131
Weight (kg)	0,13

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	5,0
Gross Weight (kg)	0,206
Volume (cdm)	1,200

Stock Data

Planned Delivery Time (Days)	75
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Life Cycle

Sales Start	09.12.2014
Predecessor	No Predecessor

Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85389099
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=RY42NT2P&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=RY42NT2P&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=RY42NT2P&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

Material	Description / Price List Text / Classification
158068	Q40CBL-10M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end Class 100100214: FA-MOD PLC: Cable
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
226903	FA-TH16YSR21S Terminal block for output modules; 16 outputs; TRIAC; 2-wire Class 100100215: FA-MOD PLC: Other Option
226904	FA-TH16YSR20S Terminal block for output modules; 16 outputs; TRIAC; Class 100100215: FA-MOD PLC: Other Option
226937	FA-TH16YTR20S Terminal block for output modules; 16 outputs; source/sink type; transistor Class 100100215: FA-MOD PLC: Other Option
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
228768	FA-TH16YTL11S Terminal block for output modules; 16 transistor outp. 1A; sink; 1-wire; screw Class 100100299: FA-MOD PLC: Sets
231229	AC80TB Connection cable for terminal block; A6TBXY36 / A6TBXY54 / A6TBX70; 8 m Class 100100214: FA-MOD PLC: Cable
234408	FA-TH16YRA20S Terminal block for PLC transistor output modules; 16 points; relay; screw type Class 100100299: FA-MOD PLC: Sets
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
278032	FA-TH16YRA11S Terminal block for output modules; 16 relay outputs, NO, 2A; 1-wire; screw 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

Material	Description / Price List Text / Classification
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
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 seperate type Class 100100299: FA-MOD PLC: Sets
301919	FA-TB8XY4 Screw Terminal Conversion Unit; 8 point seperate 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
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
492024	FA-TH16YTH11S Terminal block for output modules; 16 transistor outp. 1A; source; 1-wire; screw Class 100100215: FA-MOD PLC: Other Option
578106	A6TE2-16SRN Relay terminal module; 16 points; sink output modules; 24VDC; 2A/point 8A/common 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