



## MATERIAL FACT SHEET

### 279554 RH42C4NT2P

#### General Data

Product Hierarchy	IAD51401
	Modular PLC
	IQ-R Standard
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_1A/EUR/en/p/000000000000279554](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000279554)

#### FA-MOD PLC: Digital I/O Module

Series	MELSEC IQ-R SERIES
Type	I/O COMBINED MODULE
Power Supply (V)	12/24
Current Type	DC
Occupied I/O Points on PLC	32
Integrated Digital Inputs	32
Integrated Digital Outputs	32
Rated Input Voltage (VDC)	24
Rated Load Voltage (VDC)	12/24
Output Type	TRANSISTOR
Output Logic	SINK
Wiring	CONNECTOR
Int. Current Consumption (A)	0,22

#### 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)	0,212
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	<a href="#">7439-92-1</a>

Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

### Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT
Shipping Approvals	ABS,BV,DNV GL,LR,NK,RINA
UKCA	COMPLIANT

### Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=RH42C4NT2P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=RH42C4NT2P&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=RH42C4NT2P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=RH42C4NT2P&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=RH42C4NT2P&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=RH42C4NT2P&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	45
Other paper (g)	26
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	5
Wood (g)	0
Glass (g)	0
Others (g)	0

### Compatible products

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

Material	Description / Price List Text / Classification
<a href="#">146923</a>	A6CON4 PLC Connection-plug for I/O-Modules as A6CON-1 w/ 45 degree cable-outlet Class 100100215: FA-MOD PLC: Other Option
<a href="#">158068</a>	Q40CBL-10M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 10 m open end Class 100100214: FA-MOD PLC: Cable
<a href="#">158069</a>	Q40CBL-15M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 15 m open end Class 100100214: FA-MOD PLC: Cable
<a href="#">167119</a>	FA-TB32XY 32 I/O terminal block type; screw type Class 100100299: FA-MOD PLC: Sets
<a href="#">202286</a>	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
<a href="#">226937</a>	FA-TH16YTR20S Terminal block for output modules; 16 outputs; source/sink type; transistor Class 100100215: FA-MOD PLC: Other Option
<a href="#">227165</a>	FA-CBL10FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 1 m Class 100100214: FA-MOD PLC: Cable
<a href="#">228767</a>	FA-CBL30FM2V Cable for PLC terminal block, 3m Class 100100214: FA-MOD PLC: Cable
<a href="#">228768</a>	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
<a href="#">248982</a>	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
<a href="#">257424</a>	FA-CBL20FMVE Cable for PLC terminal block, 2m Class 100100214: FA-MOD PLC: Cable
<a href="#">277325</a>	FA-CBL10FMVE Cable for PLC terminal block, negative common type input module; 1m Class 100100214: FA-MOD PLC: Cable
<a href="#">278025</a>	FA-CBL05FMVE MELSEC Connection cable - Vertical Round cable 0,5m Class 100100214: FA-MOD PLC: Cable
<a href="#">278031</a>	FA-TB32XYH Screw Terminal Conversion Unit - MELSEC 32 POINT WITH LED SOURCE TYPE Class 100100215: FA-MOD PLC: Other Option
278032	FA-TH16YRA11S Terminal block for output modules; 16 relay outputs, NO, 2A; 1-wire; screw Class 100100215: FA-MOD PLC: Other Option
<a href="#">278033</a>	FA-CBL10FM2V Connection Cable - VERTICAL ROUND CABLE 1.0m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
<a href="#">278130</a>	FA-CBL50FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 5 m Class 100100214: FA-MOD PLC: Cable
<a href="#">279593</a>	FA-TB16XY Connector 16point terminal conversion unit Class 100100215: FA-MOD PLC: Other Option
<a href="#">279594</a>	FA-TBS40P Screw terminal block general purpose 40 point interface, FA-CBL* Class 100100215: FA-MOD PLC: Other Option
<a href="#">279747</a>	FA-CBL05FMV-M 0.5m I/O Unit Connection Horizontal Round 40 Core Cable Class 100100214: FA-MOD PLC: Cable
<a href="#">279748</a>	FA-CBL30FMV-M 3.0m; I/O Unit Connection Horizontal Round 40 Core Cable Class 100100214: FA-MOD PLC: Cable
<a href="#">279749</a>	FA-CBL30FMVE 3.0m; Common Type input Unit Vertical Round 40Core Cable; D-Sub Connector type) Class 100100214: FA-MOD PLC: Cable
<a href="#">279750</a>	FA-CBL30FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 3 m Class 100100214: FA-MOD PLC: Cable
<a href="#">280077</a>	FA-CBL20FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 2.0m Class 100100214: FA-MOD PLC: Cable
<a href="#">280078</a>	FA-CBL30FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 3.0m Class 100100214: FA-MOD PLC: Cable
<a href="#">280079</a>	FA-CBL50FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 5.0m Class 100100214: FA-MOD PLC: Cable
<a href="#">280080</a>	FA-CBL80FV Connector digital IO conversion unit connection cable (DC); 40 core cable; 8.0m Class 100100214: FA-MOD PLC: Cable
<a href="#">301917</a>	FA-TB16XY1 Terminal block; 16-point distributed type for 32-point PLC I/O; 3-w (FA-TB16XY2) Class 100100299: FA-MOD PLC: Sets
<a href="#">301918</a>	FA-TB8XY3 Screw terminal Conversion unit; 8 point seperate type Class 100100299: FA-MOD PLC: Sets
<a href="#">301919</a>	FA-TB8XY4 Screw Terminal Conversion Unit; 8 point seperate type Class 100100299: FA-MOD PLC: Sets
<a href="#">301920</a>	FA-CBL50MMH Connection cable for DC-dedicated distributed type conversion modules; 5 m Class 100100214: FA-MOD PLC: Cable
<a href="#">301921</a>	FA-CBL05MMH Connection cable for DC-dedicated distributed type conversion modules; 0,5 m Class 100100214: FA-MOD PLC: Cable
<a href="#">305748</a>	FA-CBL20FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 2 m Class 100100214: FA-MOD PLC: Cable
<a href="#">305749</a>	FA-CBL10FMV-M Connection cable PLC IO unit to Terminal block conversion unit 1m Class 100100214: FA-MOD PLC: Cable
<a href="#">305750</a>	FA-CBL20FMV-M Connection cable PLC IO unit to Terminal block conversion unit 2m Class 100100214: FA-MOD PLC: Cable
<a href="#">305751</a>	FA-TBS32XY 32-point terminal block type; screw type Class 100100215: FA-MOD PLC: Other Option
<a href="#">305765</a>	FA-TB32XYN3 Terminal block conversion unit MELSEC PLC connector For I / O unit; screw Class 100100215: FA-MOD PLC: Other Option
<a href="#">305766</a>	FA-TB32XYP3 Terminal block conversion unit MELSEC PLC connector For I / O unit; screw Class 100100215: FA-MOD PLC: Other Option
<a href="#">308387</a>	FA1-TESV32XY Connector Spring Clamp 32 Point Terminal Conversion Unit Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
<a href="#">314841</a>	Q40CBL-10M-S PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm²,flex Class 100100214: FA-MOD PLC: Cable
<a href="#">314842</a>	Q40CBL-15M-S PLC Connection cable 40-pin modules(A6CON-type),15m open,LiYY 40x0,14 mm²,flex Class 100100214: FA-MOD PLC: Cable
<a href="#">412471</a>	FA-TB32XYL 32 I/O terminal block type; LED indicator screw type Class 100100215: FA-MOD PLC: Other Option
<a href="#">492023</a>	FA-TH16X24D31 Terminal block for input modules; 16 inputs; 24V DC; screw terminal; 2-wire Class 100100215: FA-MOD PLC: Other Option
<a href="#">492024</a>	FA-TH16YTH11S Terminal block for output modules; 16 transistor outp. 1A; source; 1-wire; screw Class 100100215: FA-MOD PLC: Other Option
<a href="#">578106</a>	A6TE2-16SRN Relay terminal module; 16 points; sink output modules; 24VDC; 2A/point 8A/common Class 100100215: FA-MOD PLC: Other Option
<a href="#">578107</a>	FA-CBL50FMV-M Connection cable PLC IO unit to Terminal block conversion unit 5m Class 100100214: FA-MOD PLC: Cable