



MATERIAL FACT SHEET

285501 R60AD16-G

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/000000000000285501

FA-MOD PLC: Analogue I/O Module

Series	MELSEC IQ-R SERIES
Type	CHANNEL ISOLATED ANALOG INPUT
Occupied I/O Points on PLC	16
Integrated Analogue Inputs	16
Input Voltage Range (V)	-10-10; 0-10; 0-5; 1-5
Input Current Range (mA)	0-20; 4-20
Wiring	SCREW
Int. Current Consumption (A)	0,52

Product Dimensions & Weight

Width (mm)	56
Height (mm)	98 (106)
Depth (mm)	110
Weight (kg)	0,26

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	8,0
Gross Weight (kg)	0,360
Volume (cdm)	1,920

Stock Data

Planned Delivery Time (Days)	75
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Life Cycle

Sales Start	27.03.2015
Predecessor	No Predecessor

Additional Product Information

Binding Tariff Information	DEBTI-10685/21-1
BTI validity date	31.10.2024
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	2451-62-9
REACH Substance CAS Number (2)	7439-92-1
REACH Substance CAS Number (3)	80-05-7
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=bltdae25c2bd5f2f94&q=R60AD16-G&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=R60AD16-G&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=R60AD16-G&doc-lang=en

Product Packaging

Cardboard (g)	45
Other paper (g)	25
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	3
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
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
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
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
158069	Q40CBL-15M PLC Connection cable 40-pin modules (A6CON-type), shielded, length 15 m open end Class 100100214: FA-MOD PLC: Cable
296865	FA-LTB40ADGN PLC System-terminal; connector-terminal conversion unit Class 100100299: FA-MOD PLC: Sets
301186	FA-CBL05Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 0,5m Class 100100214: FA-MOD PLC: Cable
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
403903	FA-CBL20Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 2m Class 100100214: FA-MOD PLC: Cable
403905	FA-CBL10Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 1m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
486862	FA1-TBS40ADGN Terminal block conversion unit for Q68AD-G, R60AD8-G, R60AD16-G; screw type Class 100100215: FA-MOD PLC: Other Option