



MATERIAL FACT SHEET

285505 R60RD8-G

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_IA/EUR/en/p/0000000000000285505

FA-MOD PLC: Temperature Module

Series	MELSEC IQ-R SERIES
Type	TEMPERATURE INPUT
Occupied I/O Points on PLC	16
Integrated Analogue Inputs	8
Input Type	RTD
Applicable RTD Type	JPT100
Applicable RTD Type (2)	NI100
Applicable RTD Type (3)	PT100
Applicable RTD Type (4)	PT50
Int. Current Consumption (A)	0,35

Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	106
Depth (mm)	110
Weight (kg)	0,19

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	5,0
Gross Weight (kg)	0,260
Volume (cdm)	1,200

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

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	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	NON-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=R60RD8-G&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=R60RD8-G&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=R60RD8-G&doc-lang=en

Product Packaging

Cardboard (g)	45
Other paper (g)	26
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
303966	FA-LTB40RD3G PLC System-terminal; connector-terminal conversion unit for Q68RD3-G Class 100100299: FA-MOD PLC: Sets
303967	FA-CBL10Q68RD3G PLC MELSEC-Q Series Connection cable; Q68RD3-G to FA-LTB40RD3G; 1m Class 100100214: FA-MOD PLC: Cable
314340	FA-CBL20Q68RD3G Q68RD3-G CONNECTON CABLE - 2m Class 100100214: FA-MOD PLC: Cable
314341	FA-CBL30Q68RD3G Q68RD3-G CONNECTON CABLE - 3m 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

Material	Description / Price List Text / Classification
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
501965	FA-CBL05Q68RD3G PLC Connection cable; R60RD8-G, Q68RD3-G to FA-LTB40RD3G; 0,5m Class 100100214: FA-MOD PLC: Cable



MATERIAL FACT SHEET

285506 R60TD8-G

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_IA/EUR/en/p/000000000000285506

FA-MOD PLC: Temperature Module

Series	MELSEC IQ-R SERIES
Type	TEMPERATURE INPUT
Occupied I/O Points on PLC	16
Integrated Analogue Inputs	8
Input Type	THERMOCOUPLE
Applicable Thermocouple Type	B
Applicable Thermocouple Type (2)	E
Applicable Thermocouple Type (3)	J
Applicable Thermocouple Type (4)	K
Applicable Thermocouple Type (5)	N
Applicable Thermocouple Type (6)	R
Applicable Thermocouple Type (7)	S
Applicable Thermocouple Type (8)	T
Int. Current Consumption (A)	0,36

Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	106
Depth (mm)	110
Weight (kg)	0,19

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	5,0
Gross Weight (kg)	0,266
Volume (cdm)	1,200

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

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	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	NON-COMPLIANT
Shipping Approvals	ABS,BV,DNV GL,LR,NK,RINA
UKCA	COMPLIANT

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Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=R60TD8-G&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=R60TD8-G&doc-lang=en

Product Packaging

Cardboard (g)	45
Other paper (g)	26
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	4
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
698985	COLD JUNCTION COMP. RESISTOR ST-5033F-1	1	PC

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
230327	FA-CBL20Q68TDG PLC Connection cable; Q68TD-G-H01 /02 to FA-LTB40TDG; 2m Class 100100214: FA-MOD PLC: Cable
230328	FA-LTB40TDG PLC System-terminal; 8 thermocouple inputs; Q68TD-G-H01 /02; A6CON Class 100100299: FA-MOD PLC: Sets

Material	Description / Price List Text / Classification
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
433087	FA-CBL10Q68TDG PLC Connection cable; Q68TD-G-H01 /02 to FA-LTB40TDG; 1m Class 100100214: FA-MOD PLC: Cable
501964	FA-CBL05Q68TDG PLC Connection cable; R60TD8-G, Q68TD-G-H01/02 to FA-LTB40TDG; 0,5m Class 100100214: FA-MOD PLC: Cable
604516	FA-CBL30Q68TDG PLC Connection cable; R60TD8-G, Q68TD-G-H01/02 to FA-LTB40TDG; 3m Class 100100214: FA-MOD PLC: Cable