



## MATERIAL FACT SHEET

### 573147 R60AD6-DG

#### 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\\_IA/EUR/en/p/000000000000573147](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000573147)

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

Series	MELSEC IQ-R SERIES
Type	CHANNEL ISOLATED ANALOG INPUT
Power Supply (V)	24
Current Type	DC
Occupied I/O Points on PLC	16
Integrated Analogue Inputs	6
Input Current Range (mA)	0-20; 4-20
Wiring	CONNECTOR
Int. Current Consumption (A)	0,36

#### Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	106
Depth (mm)	110
Weight (kg)	0,2

#### Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	15,0
Height (cm)	5,0
Gross Weight (kg)	0,276
Volume (cdm)	1,200

#### Stock Data

Planned Delivery Time (Days)	136
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#### Life Cycle

Sales Start	03.08.2020
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

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

## Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT
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=R60AD6-DG&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=R60AD6-DG&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=R60AD6-DG&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=R60AD6-DG&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=R60AD6-DG&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=R60AD6-DG&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)	3
Wood (g)	0
Glass (g)	0
Others (g)	0

## Compatible products

Material	Description / Price List Text / Classification
<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="#">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="#">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="#">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="#">574949</a>	FA1-TBS40ADDG Terminal block conversion unit for Q66AD-DG, R60AD6-DG; screw type Class 100100215: FA-MOD PLC: Other Option
<a href="#">574950</a>	FA-CBL05Q66ADDG PLC Connection cable; Q66AD-DG/R60AD6-DG to FA1-TBS40ADDG/FA-LTB40ADDG; 0,5m Class 100100214: FA-MOD PLC: Cable
<a href="#">574951</a>	FA-CBL10Q66ADDG PLC Connection cable; Q66AD-DG/R60AD6-DG to FA1-TBS40ADDG/FA-LTB40ADDG; 1m Class 100100214: FA-MOD PLC: Cable
<a href="#">574992</a>	FA-CBL20Q66ADDG PLC Connection cable; Q66AD-DG/R60AD6-DG to FA1-TBS40ADDG/FA-LTB40ADDG; 2m Class 100100214: FA-MOD PLC: Cable
<a href="#">574993</a>	FA-CBL30Q66ADDG PLC Connection cable; Q66AD-DG/R60AD6-DG to FA1-TBS40ADDG/FA-LTB40ADDG; 3m Class 100100214: FA-MOD PLC: Cable



## MATERIAL FACT SHEET

### 285502 R60AD8-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/000000000000285502](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000285502)

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

Series	MELSEC IQ-R SERIES
Type	CHANNEL ISOLATED ANALOG INPUT
Occupied I/O Points on PLC	32
Integrated Analogue Inputs	8
Input Voltage Range (V)	-10-10; 0-10; 0-5; 1-5
Input Current Range (mA)	0-20; 4-20
Wiring	CONNECTOR
Int. Current Consumption (A)	0,33

#### Product Dimensions & Weight

Width (mm)	27,8
Height (mm)	98 (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)	0,262
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	<a href="#">2451-62-9</a>
REACH Substance CAS Number (2)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (3)	<a href="#">80-05-7</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=bltdae25c2bd5f2f94&amp;q=R60AD8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=R60AD8-G&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=R60AD8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=R60AD8-G&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=R60AD8-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=R60AD8-G&amp;doc-lang=en</a>

### 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
<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="#">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="#">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="#">296865</a>	FA-LTB40ADGN PLC System-terminal; connector-terminal conversion unit Class 100100299: FA-MOD PLC: Sets
<a href="#">301186</a>	FA-CBL05Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 0,5m Class 100100214: FA-MOD PLC: Cable
<a href="#">314841</a>	Q40CBL-10M-S PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm <sup>2</sup> ,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 mm <sup>2</sup> ,flex Class 100100214: FA-MOD PLC: Cable
<a href="#">403903</a>	FA-CBL20Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 2m Class 100100214: FA-MOD PLC: Cable
<a href="#">403905</a>	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
<a href="#">486862</a>	FA1-TBS40ADGN Terminal block conversion unit for Q68AD-G, R60AD8-G, R60AD16-G; screw type Class 100100215: FA-MOD PLC: Other Option



## 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](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

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="#">2451-62-9</a>
REACH Substance CAS Number (2)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (3)	<a href="#">80-05-7</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=bltdae25c2bd5f2f94&amp;q=R60AD16-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=R60AD16-G&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=R60AD16-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=R60AD16-G&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=R60AD16-G&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=R60AD16-G&amp;doc-lang=en</a>

### 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
<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="#">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="#">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="#">296865</a>	FA-LTB40ADGN PLC System-terminal; connector-terminal conversion unit Class 100100299: FA-MOD PLC: Sets
<a href="#">301186</a>	FA-CBL05Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 0,5m Class 100100214: FA-MOD PLC: Cable
<a href="#">314841</a>	Q40CBL-10M-S PLC Connection cable 40-pin modules(A6CON-type),10m,open,LiYY 40x0,14 mm <sup>2</sup> ,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 mm <sup>2</sup> ,flex Class 100100214: FA-MOD PLC: Cable
<a href="#">403903</a>	FA-CBL20Q68ADGN PLC MELSEC-Q Series Connection cable; Q68AD-G to FA-LTB40ADGN; 2m Class 100100214: FA-MOD PLC: Cable
<a href="#">403905</a>	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
<a href="#">486862</a>	FA1-TBS40ADGN Terminal block conversion unit for Q68AD-G, R60AD8-G, R60AD16-G; screw type Class 100100215: FA-MOD PLC: Other Option