



## MATERIAL FACT SHEET

### 156778 FR-A7NC

#### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000156778](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000156778)

#### FA-Inverter: Internal Option

Series	FR-A/F800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	CC-LINK

#### Product Dimensions & Weight

Width (mm)	76
Height (mm)	40
Depth (mm)	23,1
Weight (kg)	0,022

#### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,188
Volume (cdm)	1,785

#### Stock Data

Planned Delivery Time (Days)	300
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#### Life Cycle

Predecessor	No Predecessor
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#### Additional Product Information

Battery included	NO
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#### Export Data

Commodity Code	85176200
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="#">111-15-9</a>
REACH Substance CAS Number (2)	<a href="#">7439-92-1</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

#### Conformity

CE	COMPLIANT
UL/cUL	NOT IN SCOPE
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=FR-A7NC&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A7NC&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=FR-A7NC&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A7NC&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0

## MATERIAL FACT SHEET

### 210671 FR-A7NC-E KIT-E

#### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000210671](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000210671)

#### FA-Inverter: Internal Option

Series	FR-E700 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	CC-LINK

#### Product Dimensions & Weight

Weight (kg)	0,225
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#### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,250
Volume (cdm)	1,785

#### Stock Data

Planned Delivery Time (Days)	184
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#### Life Cycle

Predecessor	No Predecessor
Successor	<a href="#">239644 / FR-A7NC-E KIT-SC-E</a>
Successor (2)	506412 / FR-A8NC-60 E-KIT

#### Additional Product Information

Battery included	NO
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#### Export Data

Commodity Code	85176200
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="#">111-15-9</a>
REACH Substance CAS Number (2)	<a href="#">7439-92-1</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

#### Conformity

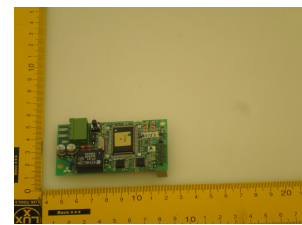
CE	COMPLIANT
EAC	NON-COMPLIANT
UKCA	COMPLIANT

**Documentation & Media Data**

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A7NC-E%20KIT-E&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A7NC-E%20KIT-E&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=FR-A7NC-E%20KIT-E&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A7NC-E%20KIT-E&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0



## MATERIAL FACT SHEET

### 156779 FR-A7NL

#### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000156779](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000156779)

#### FA-Inverter: Internal Option

Series	FR-A/F800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	LONWORKS

#### Product Dimensions & Weight

Width (mm)	150
Height (mm)	70
Depth (mm)	170
Weight (kg)	0,023

#### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,204
Volume (cdm)	1,785

#### Stock Data

Planned Delivery Time (Days)	300
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#### Life Cycle

Predecessor	No Predecessor
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#### Additional Product Information

Battery included	NO
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#### Export Data

Commodity Code	85176200
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	NON-COMPLIANT
WEEE	B2B

#### Conformity

CE	COMPLIANT
UL/cUL	NOT IN SCOPE
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=FR-A7NL&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A7NL&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=FR-A7NL&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A7NL&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0



## MATERIAL FACT SHEET

### 269431 FR-A8NC

#### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000269431](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000269431)

#### FA-Inverter: Internal Option

Series	FR-A/F800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	CC-LINK

#### Product Dimensions & Weight

Width (mm)	50
Height (mm)	57
Depth (mm)	21,8
Weight (kg)	0,021

#### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,196
Volume (cdm)	1,785

#### Stock Data

Planned Delivery Time (Days)	100
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#### Life Cycle

Sales Start	31.10.2013
Predecessor	No Predecessor

#### Additional Product Information

Battery included	NO
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#### Export Data

Commodity Code	85049090
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	NOT IN SCOPE
EAC	NON-COMPLIANT

**Documentation & Media Data**

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FR-A8NC&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FR-A8NC&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=FR-A8NC&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A8NC&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0





## MATERIAL FACT SHEET

### 506412 FR-A8NC-60 E-KIT

#### General Data

Product Hierarchy	IAK24803
	INVERTER
	FR-E800 Options
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/00000000000506412](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/00000000000506412)

#### FA-Inverter: Internal Option

Series	FR-E800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	CC-LINK

#### Product Dimensions & Weight

Weight (kg)	0,18
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#### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	8,0
Gross Weight (kg)	0,202
Volume (cdm)	2,040

#### Stock Data

Planned Delivery Time (Days)	128
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#### Life Cycle

Sales Start	09.11.2020
Predecessor	<a href="#">239644 / FR-A7NC-E KIT-SC-E</a>

#### Additional Product Information

Battery included	NO
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#### Export Data

Commodity Code	85049090
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
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=FR-A8NC-60%20E-KIT&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A8NC-60%20E-KIT&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=FR-A8NC-60%20E-KIT&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A8NC-60%20E-KIT&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0



## MATERIAL FACT SHEET

269432 FR-A8ND

### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000269432](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000269432)

### FA-Inverter: Internal Option

Series	FR-A/F800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	DEVICENET

### Product Dimensions & Weight

Width (mm)	50
Height (mm)	57
Depth (mm)	19,5
Weight (kg)	0,016

### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,203
Volume (cdm)	1,785

### Stock Data

Planned Delivery Time (Days)	128
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### Life Cycle

Sales Start	31.10.2013
Predecessor	No Predecessor

### Additional Product Information

Battery included	NO
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### Export Data

Commodity Code	85049090
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="#">68-12-2</a>
REACH Substance CAS Number (2)	<a href="#">7439-92-1</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

### Conformity

CE	COMPLIANT
UL/cUL	NOT IN SCOPE
EAC	NON-COMPLIANT

**Documentation & Media Data**

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A8ND&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-A8ND&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=FR-A8ND&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A8ND&amp;doc-lang=en</a>

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0



## MATERIAL FACT SHEET

274514 FR-A8NP

### General Data

Product Hierarchy	IAK227
	INVERTER
	FR-F/A Options
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/000000000000274514](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000274514)

### FA-Inverter: Internal Option

Series	FR-A/F800 SERIES
Type	NETWORK/COMMUNICATION OPTION
Network Interface	PROFIBUS

### Product Dimensions & Weight

Width (mm)	50
Height (mm)	57,8
Depth (mm)	27,1
Weight (kg)	0,022

### Logistic Dimensions & Gross Weight

Length (cm)	17,0
Width (cm)	15,0
Height (cm)	7,0
Gross Weight (kg)	0,195
Volume (cdm)	1,785

### Stock Data

Planned Delivery Time (Days)	128
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### Life Cycle

Sales Start	14.06.2014
Predecessor	No Predecessor

### Additional Product Information

Battery included	NO
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### Export Data

Commodity Code	85176200
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

### Environmental

REACH Limit Exceeded	NO
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

### Conformity

CE	COMPLIANT
UL/cUL	NOT IN SCOPE
EAC	NON-COMPLIANT

**Documentation & Media Data**

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FR-A8NP&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=FR-A8NP&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=FR-A8NP&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-A8NP&amp;doc-lang=en</a>
Network configuration file URL	X

**Product Packaging**

Cardboard (g)	55
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	10
Wood (g)	0
Glass (g)	0
Others (g)	0