



## MATERIAL FACT SHEET

### 316589 FR-E740-230SC-ENE

#### General Data

Product Hierarchy	IAK234
	INVERTER
	FR-E740
Ext. Material Group	10 EOL ANNOUNCED
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000316589](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000316589)

#### FA-Inverter: Inverter

Series	FR-E700 SERIES
Type	FR-E700-ENE INVERTER
Minimum Rated Voltage (V)	380
Min. Permissible Voltage (V)	325
Maximum Rated Voltage (V)	480
Max. Permissible Voltage (V)	528
Current Type	AC
Phases	3
Rated Output Current ND (A)	23
Rated Motor Capacity ND (kW)	11
Control Method	MAGNETIC FLUX VECTOR CONTROL
Control Method (2)	V/F CONTROL
Motor Type	INDUCTION MOTOR
Brake Chopper ED (%)	30
Integrated EMC Filter	NO
Safe Torque Off (STO)	YES
Regenerative (4Q)	NO
Integrated DC Choke	NO
Display	BUILT-IN
Display Type	3 DIGITS LED
PLC Function	NO
Integrated Digital Inputs	6
Digital Outputs (Transistor)	2
Digital Outputs (Relay)	1
Integrated Analogue Inputs	2
Integrated Analogue Outputs	1
IO Type of Terminal Block	SPRING CLAMP
Expandable	YES
RS-485	1
USB	1
Ethernet Port	1
Built-In Network	CC-Link IE Field Network Basic
Built-In Network (2)	MODBUS/TCP
Leakage Current (mA)	1
Power Loss ND (W)	560
Standby Power Consumption (W)	12,2
Protection Class	IP20

#### Product Dimensions & Weight

Width (mm)	220
Height (mm)	260
Depth (mm)	196
Weight (kg)	6

#### Logistic Dimensions & Gross Weight

Length (cm)	35,0
Width (cm)	27,0

Height (cm)	30,0
Gross Weight (kg)	7,064
Volume (cdm)	28,350

### Stock Data

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

Sales Start	01.01.2018
Discontinued (EOL)	09.12.2022
Last Time Buy (LTB)	01.03.2023
Last Time Purchase (LTP)	01.04.2023
End of Service (EOS)	01.03.2030
Predecessor	No Predecessor
Successor	<a href="#">587782 / FR-E840-0230EPB-60</a>

### Export Data

Commodity Code	85044095
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="#">117-81-7</a>
REACH Substance CAS Number (2)	<a href="#">127-19-5</a>
REACH Substance CAS Number (3)	<a href="#">13560-89-9</a>
REACH Substance CAS Number (4)	<a href="#">15571-58-1</a>
REACH Substance CAS Number (5)	<a href="#">541-02-6</a>
REACH Substance CAS Number (6)	<a href="#">556-67-2</a>
REACH Substance CAS Number (7)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (8)	<a href="#">96-45-7</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

### Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	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-E740-230SC-ENE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=FR-E740-230SC-ENE&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-E740-230SC-ENE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=FR-E740-230SC-ENE&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=FR-E740-230SC-ENE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=FR-E740-230SC-ENE&amp;doc-lang=en</a>
Network configuration file URL	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blte8cf990c7c524b4e&amp;q=FR-E740-230SC-ENE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blte8cf990c7c524b4e&amp;q=FR-E740-230SC-ENE&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	1230
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