



MATERIAL FACT SHEET

757570 FR-D840-15K-295-60

General Data

Price List Text (EN)	Inverter; 15kW; 400 V class; Coated
Price List Text (DE)	Umrichter; 15kW; 400 V class; Coated
Product Hierarchy	IAK24904
	INVERTER
	FR-D840
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000261958>

FA-Inverter: Inverter

Series	FR-D800 SERIES
Type	FR-D800 COMPACT INVERTER
Minimum Rated Voltage (V)	380
Min. Permissible Voltage (V)	323
Maximum Rated Voltage (V)	480
Max. Permissible Voltage (V)	528
Current Type	AC
Phases	3
Rated Output Current SLD (A)	38
Rated Output Current LD (A)	-
Rated Output Current ND (A)	29,5
Rated Output Current HD (A)	-
Rated Motor Capacity SLD (kW)	18,5
Rated Motor Capacity LD (kW)	-
Rated Motor Capacity ND (kW)	15
Rated Motor Capacity HD (kW)	-
Frequency Range (Hz)	0,2 TO 590 HZ
Control Method	Adv. magnetic flux vector
Control Method (2)	PM sensorless vector control
Control Method (3)	V/F control
Motor Type	INDUCTION MOTOR
Brake Chopper ED (%)	100
Integrated EMC Filter	NO
Safe Torque Off (STO)	YES
Regenerative (4Q)	NO
Integrated DC Choke	NO
Display	BUILT-IN
Display Type	4 DIGITS LED
PLC Function	NO
Integrated Digital Inputs	5
Digital Outputs (Transistor)	1
Digital Outputs (Relay)	1
Integrated Analogue Inputs	-
Integrated Analogue Outputs	-
IO Type of Terminal Block	SPRING CLAMP
Expandable	NO
RS-485	1
USB	TYPE C
Ethernet Port	-
Built-In Network	MODBUS RTU
Leakage Current (mA)	-
Protection Class	IP20

Logistic Dimensions & Gross Weight

Length (cm)	38,0
Width (cm)	31,0

Height (cm)	31,0
Gross Weight (kg)	5,510
Volume (cdm)	36,518

Stock Data

Planned Delivery Time (Days)	147
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Life Cycle

Sales Start	12.12.2025
Predecessor	261958 / FR-D740-15K

Additional Product Information

Battery included	NO
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Export Data

Commodity Code	85044095
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

Dangerous Goods Class	NO
RoHS Compliance	COMPLIANT

Conformity

CE	COMPLIANT
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Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=FR-D840-15K-295-60&doc-lang=en
CAD URL Indicator	X
Network configuration file URL	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=FR-D840-15K-295-60&doc-lang=en