

Factory Automation

Products

FR-E840-0040-4-60

Automating the World

◀ FR-E800

▶ **FR-E800**



Inverter; Pn:1,5-2,2kW;3x380-480V;In max:5,5A;(1,5kW;4A);RS-485;IP20

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TECHNICAL INFORMATION

ADDITIONAL INFORMATION

ENVIRONMENTAL

DOWNLOADS

FA-Inverter: 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 LD (A)	5,5
Rated Output Current ND (A)	4
Rated Motor Capacity LD (kW)	2,2
Rated Motor Capacity ND (kW)	1,5
Control Method	V/F CONTROL, REAL SENSORLESS VECTOR CONTROL, PM SENSORLESS VECTOR CONTROL, MAGNETIC FLUX VECTOR CONTROL
Motor Type	INDUCTION MOTOR, PM 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	YES
Program Memory	2K
Program Memory Unit	STEPS

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 (MINI B)
Ethernet Port	NO
Built-In Network	MODBUS-RTU
Leakage Current (mA)	1,2
Power Loss LD (W)	84
Power Loss ND (W)	58
Frequency Range (Hz)	0,2–590
Protection Class	IP20

Product Dimensions & Weight

Width (mm)	108
Height (mm)	128
Depth (mm)	135
Weight (kg)	1,4

Conformity

EAC	COMPLIANT
UKCA	COMPLIANT

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FR-E840-0040-4-60

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