



Inverter □FR-E840-0170-4-60

URL:<https://www.sxplc.com/inverter-fr-e840-0170-4-60>

Product data sheet

Type	FR-E800 RS485 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)	23
Rated Output Current ND (A)	17
Rated Motor Capacity LD (kW)	11
Rated Motor Capacity ND (kW)	7,5
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
Integrated Digital Inputs	7
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 (MINI B)
Ethernet Port	NO
Built-In Network	MODBUS-RTU
Leakage Current (mA)	1,2
Power Loss LD (W)	299
Power Loss ND (W)	197
Frequency Range (Hz)	0,2–590
Protection Class	IP20

Product Dimensions & Weight

Width (mm)	220
Height (mm)	150
Depth (mm)	147
Weight (kg)	2,4

