



504751

FR-E820S-0110-4-60

Inverter; Pn:2,2kW; 1x200-240V; In max: 11A; (2,2kW;11A); RS-485; IP20

Standard Material
Logistic Class: A

You are not logged in,
please log in to order
products.

[Sign in / Register](#)

- ↓ [Manuals](#)
- PDF ↓ [Factsheet](#)
- ↓ [CAD drawings](#)
- ↓ [Certificates](#)
- ↓ [Network configuration](#)

INVERTER

SERIES	FR-E800 SERIES
TYPE	FR-E800 RS485 INVERTER
MINIMUM RATED VOLTAGE (V)	200
MIN. PERMISSIBLE VOLTAGE (V)	170
MAXIMUM RATED VOLTAGE (V)	240
MAX. PERMISSIBLE VOLTAGE (V)	264
CURRENT TYPE	AC
PHASES	1
RATED OUTPUT CURRENT ND (A)	11
RATED MOTOR CAPACITY ND (KW)	2,2
CONTROL METHOD	MAGNETIC FLUX VECTOR CONTROL PM SENSORLESS VECTOR CONTROL REAL SENSORLESS VECTOR CONTROL V/F 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-DIGIT 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)	-
POWER LOSS ND (W)	95
STANDBY POWER CONSUMPTION (W)	-
PROTECTION CLASS	IP20
FREQUENCY RANGE (HZ)	0,2–590

PRODUCT DIMENSIONS & WEIGHT

WIDTH (MM)	140
HEIGHT (MM)	128
DEPTH (MM)	142,5
WEIGHT (KG)	1,9

Something wrong?

ADDITIONAL INFORMATION

ORDER CODES

EUROPEAN ORDER CODE	504751
GLOBAL ORDER CODE	E820S0110460

CLASSIFICATION DATA

PRODUCT HIERARCHY	IAK24801
CLASS DESCRIPTION	FA-Inverter: Inverter
EXTERNAL MATERIAL GROUP	Standard Material

AVAILABILITY

LOGISTIC CLASS	A
----------------	---

PACKAGING DIMENSIONS & WEIGHT

GROSS WEIGHT	2.148 KG
VOLUME	7.277 CDM
LENGTH	21 CM
WIDTH	16,5 CM
HEIGHT	21 CM

COMMODITY / IMPORT CODE

COMMODITY CODE	85044090
COUNTRY OF ORIGIN	CN

LIFE CYCLE

PREDECESSOR

240979 FR-E720S-110SC-E6

CAMPAIGNS

SELLING STATUS	Standard
----------------	----------

ENVIRONMENTAL

ROHS COMPLIANCE	COMPLIANT
DANGEROUS GOODS REGULATIONS	NO

CONFORMITY

CE	COMPLIANT
UL/CUL	COMPLIANT
EAC	COMPLIANT

Something wrong?

COMPATIBLE PRODUCTS

PRODUCTS PER PAGE:

20

<	1	2	>
---	---	---	---

Refine

29 Products found



70727 - FR-A5 CBL 1

Cable for connecting Inverter and Programming panel; 1m

Standard Material
Logistic Class: A



70728 - FR-A5 CBL 2,5

Cable for connecting Inverter and Programming panel; 2,5m

Standard Material
Logistic Class: A



70729 - FR-A5 CBL 5

Cable for connecting Inverter and Programming panel; 5m

Standard Material
Logistic Class: A



130832 - FR-UDA02

DIN-Rail Adaptor for FR-D720S-1,5k; FR-D740-0,4k-3,7k

Standard Material
Logistic Class: B



166134 - FR-PU07

Programming panel with LCD-Display for all units of FR-700 series

Standard Material
Logistic Class: A



167612 - FR-RJ45-HUB10

Distribution Module for RJ45; 10 way

Standard Material
Logistic Class: B



167613 - FR-RJ45-HUB4

Distribution Module for RJ45; 4 way

Standard Material
Logistic Class: B



167614 - FR-RJ45-TR

Terminal Resistor Plug RJ45

Standard Material
Logistic Class: B



202426 - FR-BU2-H7.5K

Brake Unit without Brake Resistor for all Inverters with DC-Bus Terminals; 400V

Standard Material
Logistic Class: B



209052 - FR-PU07BB-L

Programming Panel with Copy Function; battery powered; all FR-700 units; w/o bat.

Standard Material
Logistic Class: B



214795 - FR-PA07

Simple Parameter Unit for mounting on enclosure surface; for all FR-E700

Standard Material
Logistic Class: B



238360 - FFR-HEL-2.2K-E

DC Link choke for 200V Inverter; 2,2kW; 3,1mH; 10,5A

Standard Material
Logistic Class: C



254749 - NF63-SV 3P 40A

Circuit breaker 3pole. In = 40A; Icu = Ics = 7,5kA at AC 440V

Standard Material
Logistic Class: A



254785 - NF63-HV 3P 40A

Circuit breaker 3pole. In = 40A; Icu / Ics = 10 / 8kA at AC 440V

Standard Material
Logistic Class: A



274525 - LU08

Clear text LCD Parameter unit for all units of 800 Series

Standard Material
Logistic Class: A



275503 - FR Configurator-M+FR-Configurator2

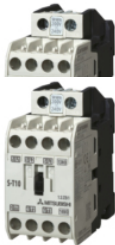
FR-Configurator for 700 series; multi I + FR-Configurator2 for 800 series

Standard Material
Logistic Class: B

279143 - S-T10 AC200V 1A

Magnetic contactor. 4kW; 1NO; Us = AC 200V, 50Hz

Standard Material
Logistic Class: A



279200 - S-T10 AC200V 1B
Magnetic contactor. 4kW; 1NC; Us = AC 200V, 50Hz
Standard Material
Logistic Class: A



279242 - S-T21 AC200V 2A2B
Magnetic contactor. 11kW; 2NO + 2NC; Us = AC 200V, 50Hz
Standard Material
Logistic Class: A



296613 - FR-LU08-01
Clear text LCD Parameter unit for all units of 800 Series (IP55)
Standard Material
Logistic Class: B

PRODUCTS PER PAGE: 20

<	1	2	>
---	---	---	---

Refine

SERVICE PARTS

PRODUCTS PER PAGE: 10

<	1	2	>
---	---	---	---

Refine

8 Products found



600706 - FR-E840-0.4K-7.5K 1-60/0-60 PCB CPU

Printed Circuit Board for inverter type FR-E820

Spare Part
Logistic Class: C

1 ST



611134 - FR-E840-4(5)-60 PCB TA

Printed circuit board for inverter type FR-E840

Spare Part
Logistic Class: B

1 ST



611136 - FR-E840-0040-0095 FAN

Cooling fan for inverter FR-E840-0040-0095

Spare Part
Logistic Class: A

1 ST



611138 - FR-E800 UNIT DU

Parameter Unit for inverter FR-E800

Spare Part
Logistic Class: B

1 ST



611140 - FR-E800-3,7K CBL CA

Cable assy for inverter FR-E8800

Spare Part
Logistic Class: B

1 ST

PRODUCTS PER PAGE:

10

<

1

2

>

Refine