



504750

FR-E820S-0080-4-60

Inverter; Pn:1,5kW; 1x200-240V; In max: 8A; (1,5kW;8A); RS-485; IP20

Standard Material  
Logistic Class: A

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## TECHNICAL INFORMATION

### 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)	8
RATED MOTOR CAPACITY ND (KW)	1,5
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)	80
STANDBY POWER CONSUMPTION (W)	-
PROTECTION CLASS	IP20
FREQUENCY RANGE (HZ)	0,2-590

#### PRODUCT DIMENSIONS & WEIGHT

WIDTH (MM)	108
HEIGHT (MM)	128
DEPTH (MM)	161
WEIGHT (KG)	1,4

Something wrong?

ADDITIONAL INFORMATION

**ORDER CODES**

EUROPEAN ORDER CODE	504750
GLOBAL ORDER CODE	E820S0080460

**CLASSIFICATION DATA**

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

**AVAILABILITY**

LOGISTIC CLASS	A
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**PACKAGING DIMENSIONS & WEIGHT**

GROSS WEIGHT	1.7 KG
VOLUME	5.775 CDM
LENGTH	21 CM
WIDTH	12,5 CM
HEIGHT	22 CM

**COMMODITY / IMPORT CODE**

COMMODITY CODE	85044090
COUNTRY OF ORIGIN	CN

**LIFE CYCLE**

**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**

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1

2

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**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; batterypowered; 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



### 238359 - FFR-HEL-1.5K-E

DC Link choke for 200V Inverter; 1,5kW; 4,3mH; 7,3A

Standard Material  
Logistic Class: C



### 254687 - NF32-SV 3P 20A

Circuit breaker 3pole. In = 20A; Icu = Ics = 2,5kA at AC 440V

Standard Material  
Logistic Class: A



### 254746 - NF63-SV 3P 20A

Circuit breaker 3pole. In = 20A; Icu = Ics = 7,5kA at AC 440V

Standard Material  
Logistic Class: C



### 274525 - LU08

Clear text LCD Parameter unit for all units of 800 Series

Standard Material  
Logistic Class: A



### 275503 - FR Configurator-M+FR-Configurator2

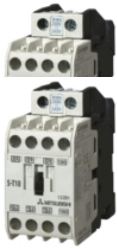
FR-Configurator for 700 series; multi I + FR-Configurator2 for 800 series

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



**288439 - MMP-T32LF 25A**

Motor prot. switch. 10,6kW; Ir=18,0 ~ 25,0A; Icu AC 400V=15kA

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:

<	1	2	>
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[Refine](#)

SERVICE PARTS

PRODUCTS PER PAGE:

<	1	2	>
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[Refine](#)

7 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

**591470 - FR-A870 CABLE ALL BKO-CA1972H01**

Cable for inverter type FR-A870

Spare Part  
Logistic Class: C

1 ST

PRODUCTS PER PAGE:



1

2

[Refine](#)