



504746

## FR-E820S-0008-4-60

Inverter; Pn:0,1kW; 1x200-240V; In max: 0,8A; (0,1kW;0,8A); 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)	0,8
RATED MOTOR CAPACITY ND (KW)	0,1
CONTROL METHOD	MAGNETIC FLUX VECTOR CONTROL PM SENSORLESS VECTOR CONTROL REAL SENSORLESS VECTOR CONTROL V/F CONTROL
MOTOR TYPE	INDUCTION MOTOR, PM MOTOR
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)		11
STANDBY POWER CONSUMPTION (W)		-
PROTECTION CLASS		IP20
FREQUENCY RANGE (HZ)		0,2-590

#### PRODUCT DIMENSIONS & WEIGHT

WIDTH (MM)		68
HEIGHT (MM)		128
DEPTH (MM)		80,5
WEIGHT (KG)		0,5

Something wrong?

ADDITIONAL INFORMATION

**ORDER CODES**

EUROPEAN ORDER CODE	504746
GLOBAL ORDER CODE	E820S0008460

**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	0.635 KG
VOLUME	3.06 CDM
LENGTH	17 CM
WIDTH	15 CM
HEIGHT	12 CM

**COMMODITY / IMPORT CODE**

COMMODITY CODE	85044090
COUNTRY OF ORIGIN	CN

**LIFE CYCLE**

PREDECESSOR

240974

**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**

30 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



### 134969 - FR-BAL-S-B-0,4K

Input Reactor; 1 ph.; 230 V; for 0,4 K

Standard Material  
Logistic Class: C



### 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**



### 238357 - FFR-HEL-0.4K-E

DC Link choke for 200V Inverter; 0,4kW; 17mH; 2,1A

**Standard Material**  
**Logistic Class: B**



### 254682 - NF32-SV 3P 5A

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

**Standard Material**  
**Logistic Class: C**



### 254741 - NF63-SV 3P 5A

Circuit breaker 3pole. In = 5A; 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



**288434 - MMP-T32LF 6.3A**

Motor prot. switch. 2,3kW; Ir=4,0 ~ 6,3A; Icu AC 400V=15kA

Standard Material  
Logistic Class: A

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**Refine**

SERVICE PARTS

PRODUCTS PER PAGE:

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**Refine**

6 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

**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

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

Cable for inverter type FR-A870

Spare Part  
Logistic Class: C

1 ST

PRODUCTS PER PAGE:

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