



500110

FR-E840-0016-4-60

Inverter; Pn:0,4-0,75kW;3x380-480V;In max:2,1A;(0,4kW;1,6A);RS-485;IP20

Standard Material
Logistic Class: A

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INVERTER

SERIES	FR-E800 SERIES
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)	2,1
RATED OUTPUT CURRENT ND (A)	1,6
RATED MOTOR CAPACITY LD (KW)	0,75
RATED MOTOR CAPACITY ND (KW)	0,4
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-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)	33
POWER LOSS ND (W)	25
STANDBY POWER CONSUMPTION (W)	-
PROTECTION CLASS	IP20
FREQUENCY RANGE (HZ)	0,2–590

PRODUCT DIMENSIONS & WEIGHT

WIDTH (MM)	108
HEIGHT (MM)	128

DEPTH (MM)	129,5
WEIGHT (KG)	1,2

Something wrong?

ADDITIONAL INFORMATION

ORDER CODES

EUROPEAN ORDER CODE	500110
GLOBAL ORDER CODE	E8400016460

CLASSIFICATION DATA

PRODUCT HIERARCHY	IAK24802
CLASS DESCRIPTION	FA-Inverter: Inverter
EXTERNAL MATERIAL GROUP	Standard Material

AVAILABILITY

LOGISTIC CLASS	A
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PACKAGING DIMENSIONS & WEIGHT

GROSS WEIGHT	1.429 KG
VOLUME	5.125 CDM
LENGTH	20,5 CM
WIDTH	12,5 CM
HEIGHT	20 CM

COMMODITY / IMPORT CODE

COMMODITY CODE	85044090
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COUNTRY OF ORIGIN	CN
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LIFE CYCLE

PREDECESSOR	240980 FR-E740-016SC-E6
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CAMPAIGNS

SELLING STATUS	Standard
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ENVIRONMENTAL

ROHS COMPLIANCE	COMPLIANT
DANGEROUS GOODS REGULATIONS	NO

CONFORMITY

CE	COMPLIANT
UL/CUL	COMPLIANT
EAC	COMPLIANT

Something wrong?

COMPATIBLE PRODUCTS

PRODUCTS PER PAGE:

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Refine

32 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



134971 - FR-BAL-B-0,4K

Input Reactor 3ph; 400V; for 0,4kW

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; battery powered; all FR-700 units; w/o bat.

Standard Material
Logistic Class: B



209735 - FFR-SI-4.5A-SS1

Sinusfilter for 200/230/400V Inverters; max. 4,5A; FT=4-16kHz; (W*H*D) 125*180*75mm

Standard Material
Logistic Class: B



209755 - FFR-DT-10A-SS1

du/dt Filter for 400V Inverters; max. 10A; FT=2-16kHz; (W*H*D) 100*120*65mm

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



238342 - FFR-HEL-H0.4K-E

DC Link choke for 400V Inverter; 0,4kW; 88mH; 0,9A

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



279195 - S-T10 AC400V 1A

Magnetic contactor. 4kW; 1NO; Us = AC 400V, 50Hz

Standard Material
Logistic Class: A

PRODUCTS PER PAGE:

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SERVICE PARTS

PRODUCTS PER PAGE:

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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



600478 - FR-E840-0016-4-0.4K PCB MA

Printed Circuit Board for inverter type FR-E840

Spare Part
Logistic Class: C

1 ST



611069 - FR-E840-0016EPA(B)-60 PCB GA

Printed circuit board for inverter type FR-E840

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

PRODUCTS PER PAGE:

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