



PRODUCT-DETAILS

ACS880-M04-014A-2

ACS880-M04-014A-2 PN: 3.0 kW, IN: 14.0 A



General Information

Global Commercial Alias	ACS880-M04-014A-2
Product ID	3AXD50000036390
ABB Type Designation	ACS880-M04-014A-2
Catalog Description	ACS880-M04-014A-2 PN: 3.0 kW, IN: 14.0 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-014A-2 PN: 3.0 kW, IN: 14.0 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Container Information

Gross Volume	15.192 dm³
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Dimensions

Product Net Weight	5.6 kg 12.346 lb
Product Net Depth / Length	316 mm 12.441 in
Product Net Height	476.0 mm 18.740 in
Product Net Width	101.0 mm 3.976 in
Package Level 1 Depth / Length	450 mm 17.717 in
Package Level 1 Height	360 mm 14.173 in
Package Level 1 Width	200 mm 7.874 in

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Altitude	1000 m
Power Factor	0.98
Sound dB (A)	39 dB(A)
Frequency (f)	47.5 ... 63 Hz
Frame Size	R2
Input Voltage (U_{in})	200 ... 240 V
Mounting Type	Module for cabinet building
Communication Protocol	CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIsafe PROFIBUS PROFINET IO TCP/IP
Number of Hardware Interfaces	Industrial Ethernet 0 Other 3 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0
Includes	PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6 / 5
Output Current, Heavy- Duty Use (I_{HD})	11 A
Output Current, Light- Overload Use (I_{LD})	13 A
Output Current, Normal Use (I_N)	14 A
Output Power, Heavy- Duty Use (P_{HD})	2.2 kW
Output Power, Light- Overload Use (P_{LD})	3 kW

Output Power, Normal	3 kW
Use (P_n)	
Apparent Power Output	5.6 kV·A
Efficiency Level	IE2
Standby Loss	30 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	88 W	77.1 %	1.6 %
0/50 %	101 W	84.9 %	1.8 %
0/100 %	135 W	88.7 %	2.4 %
50/25 %	92 W	87.0 %	1.6 %
50/50 %	109 W	91.6 %	1.9 %
50/100 %	151 W	93.6 %	2.7 %
90/50 %	118 W	94.8 %	2.1 %
90/100 %	172 W	95.8 %	3.1 %

Temperature Rating	Maximum 40 °C
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Additional Information

Product Main Type	ACS880-M04
Product Name	Frequency converter

Classifications

UNSPSC	39122001
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Environmental

SCIP	09742e09-6081-4a7d-97e4-a8051c2bea68 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Machinery Drives → ACS880-M04 - Machinery Drive

