

PRODUCT-DETAILS

ACS880-M04-03A0-2

ACS880-M04-03A0-2 PN: 0.37 kW, IN: 3.0 A



General Information

Global Commercial Alias	ACS880-M04-03A0-2
Product ID	3AXD50000036384
ABB Type Designation	ACS880-M04-03A0-2
Catalog Description	ACS880-M04-03A0-2 PN: 0.37 kW, IN: 3.0 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044086
Invoice Description	ACS880-M04-03A0-2 PN: 0.37 kW, IN: 3.0 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	10.681 dm³
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Dimensions

Product Net Weight	3.4 kg 7.496 lb
Product Net Depth / Length	241 mm 9.488 in
Product Net Height	474.0 mm 18.661 in
Product Net Width	93.5 mm 3.681 in
Package Level 1 Depth / Length	430 mm 16.929 in
Package Level 1 Height	280 mm 11.024 in
Package Level 1 Width	190 mm 7.480 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)	47 dB(A)
Frequency (f)	47.5 ... 63 Hz
Frame Size	R1
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})	2.5 A
Output Current, Light- Overload Use (I_{LD})	2.8 A
Output Current, Normal Use (I_N)	3 A
Output Power, Heavy- Duty Use (P_{HD})	0.37 kW
Output Power, Light- Overload Use (P_{LD})	0.37 kW

Output Power, Normal	0.37 kW
Use (P_n)	
Apparent Power Output	1.2 kV·A
Efficiency Level	IE2
Standby Loss	28 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	52 W	59.9 %	4.3 %
0/50 %	52 W	69.4 %	4.4 %
0/100 %	56 W	78.8 %	4.7 %
50/25 %	53 W	75.3 %	4.4 %
50/50 %	54 W	82.1 %	4.5 %
50/100 %	59 W	88.1 %	4.9 %
90/50 %	55 W	88.9 %	4.6 %
90/100 %	62 W	92.7 %	5.2 %

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	8a7e10d7-3960-4da3-8cd8-3a7488ee171b 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

