

PRODUCT-DETAILS

# ACS880-M04-04A8-2

ACS880-M04-04A8-2 PN: 0.75 kW, IN: 4.8 A



## General Information

Global Commercial Alias	ACS880-M04-04A8-2
Product ID	3AXD50000036386
ABB Type Designation	ACS880-M04-04A8-2
Catalog Description	ACS880-M04-04A8-2 PN: 0.75 kW, IN: 4.8 A

## Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-04A8-2 PN: 0.75 kW, IN: 4.8 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 dm <sup>3</sup>
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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 ( $I_{HD}$ )	4 A
Output Current, Light- Overload Use ( $I_{LD}$ )	4.5 A
Output Current, Normal Use ( $I_n$ )	4.8 A

Output Power, Heavy-Duty Use ( $P_{HD}$ )	0.55 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	0.75 kW
Output Power, Normal Use ( $P_n$ )	0.75 kW
Apparent Power Output	1.9 kV-A
Efficiency Level	IE2
Standby Loss	29 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	55 W	64.6 %	2.9 %
0/50 %	60 W	76.5 %	3.1 %
0/100 %	72 W	83.5 %	3.8 %
50/25 %	57 W	78.7 %	3.0 %
50/50 %	63 W	86.6 %	3.3 %
50/100 %	77 W	90.7 %	4.0 %
90/50 %	66 W	91.7 %	3.5 %
90/100 %	84 W	94.2 %	4.4 %

Temperature Rating	Maximum 40 °C
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Additional Information	
Product Main Type	ACS880-M04
Product Name	Frequency converter

Classifications	
UNSPSC	39122001

Environmental	
SCIP	8a7e10d7-3960-4da3-8cd8-3a7488ee171b Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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

