

## PRODUCT-DETAILS

# ACS880-M04-03A6-2

## ACS880-M04-03A6-2 PN: 0.55 kW, IN: 3.6 A



### General Information

Global Commercial Alias	ACS880-M04-03A6-2
Product ID	3AXD50000036385
ABB Type Designation	ACS880-M04-03A6-2
Catalog Description	ACS880-M04-03A6-2 PN: 0.55 kW, IN: 3.6 A

### Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044086
Invoice Description	ACS880-M04-03A6-2 PN: 0.55 kW, IN: 3.6 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 ( $I_{HD}$ )	3 A
Output Current, Light- Overload Use ( $I_{LD}$ )	3.4 A
Output Current, Normal Use ( $I_N$ )	3.6 A
Output Power, Heavy- Duty Use ( $P_{HD}$ )	0.37 kW
Output Power, Light- Overload Use ( $P_{LD}$ )	0.55 kW

Output Power, Normal	0.55 kW
Use ( $P_n$ )	
Apparent Power Output	1.4 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 %	50 W	60.1 %	3.5 %
0/50 %	53 W	73.3 %	3.7 %
0/100 %	61 W	81.6 %	4.3 %
50/25 %	51 W	75.5 %	3.6 %
50/50 %	55 W	84.7 %	3.9 %
50/100 %	65 W	89.7 %	4.5 %
90/50 %	58 W	90.5 %	4.0 %
90/100 %	70 W	93.6 %	4.9 %

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

