

## PRODUCT-DETAILS

# ACS880-M04-010A-2

## ACS880-M04-010A-2 PN: 2.2 kW, IN: 10.5 A



### General Information

Global Commercial Alias	ACS880-M04-010A-2
Product ID	3AXD50000036389
ABB Type Designation	ACS880-M04-010A-2
Catalog Description	ACS880-M04-010A-2 PN: 2.2 kW, IN: 10.5 A

### Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-010A-2 PN: 2.2 kW, IN: 10.5 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 ( $I_{HD}$ )	9 A
Output Current, Light- Overload Use ( $I_{LD}$ )	9.7 A
Output Current, Normal Use ( $I_n$ )	10.5 A
Output Power, Heavy- Duty Use ( $P_{HD}$ )	1.5 kW
Output Power, Light- Overload Use ( $P_{LD}$ )	2.2 kW

Output Power, Normal	2.2 kW
Use ( $P_n$ )	
Apparent Power Output	4.2 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 %	77 W	74.2 %	1.8 %
0/50 %	88 W	83.0 %	2.1 %
0/100 %	116 W	87.3 %	2.8 %
50/25 %	80 W	85.2 %	1.9 %
50/50 %	94 W	90.5 %	2.2 %
50/100 %	127 W	92.8 %	3.0 %
90/50 %	101 W	94.1 %	2.4 %
90/100 %	143 W	95.4 %	3.4 %

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

