

PRODUCT-DETAILS

ACS880-M04-08A0-5

ACS880-M04-08A0-5 PN: 3.0 kW, IN: 8.0 A



General Information

Global Commercial Alias	ACS880-M04-08A0-5
Product ID	3AXD50000036404
ABB Type Designation	ACS880-M04-08A0-5
Catalog Description	ACS880-M04-08A0-5 PN: 3.0 kW, IN: 8.0 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-08A0-5 PN: 3.0 kW, IN: 8.0 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 dm ³
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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})		380 ... 500 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})		6 A
Output Current, Light-Overload Use (I _{LD})		8 A
Output Current, Normal Use (I _n)		8 A

Output Power, Heavy-Duty Use (P_{HD})	2.2 kW
Output Power, Light-Overload Use (P_{LD})	3 kW
Output Power, Normal Use (P_n)	3 kW
Apparent Power Output	5.5 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 %	73 W	80.0 %	1.3 %
0/50 %	82 W	87.3 %	1.5 %
0/100 %	105 W	90.9 %	1.9 %
50/25 %	77 W	88.9 %	1.4 %
50/50 %	88 W	93.0 %	1.6 %
50/100 %	118 W	94.9 %	2.1 %
90/50 %	95 W	95.7 %	1.7 %
90/100 %	133 W	96.7 %	2.4 %

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	818a5b81-6568-489f-a9a8-e87d3682c8f8 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

