

PRODUCT-DETAILS

ACS880-M04-030A-5

ACS880-M04-030A-5 PN: 15.0 kW, IN: 30 A



General Information

Global Commercial Alias	ACS880-M04-030A-5
Product ID	3AXD50000036409
ABB Type Designation	ACS880-M04-030A-5
Catalog Description	ACS880-M04-030A-5 PN: 15.0 kW, IN: 30 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-030A-5 PN: 15.0 kW, IN: 30 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	34.735 dm ³
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Dimensions		
Product Net Weight		15.8 kg
		34.833 lb
Product Net Depth / Length		318 mm
		12.520 in
Product Net Height		658.0 mm
		25.906 in
Product Net Width		166 mm
		6.535 in
Package Level 1 Depth / Length		700 mm
		27.559 in
Package Level 1 Height		360 mm
		14.173 in
Package Level 1 Width		260 mm
		10.236 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)		71 dB(A)
Frequency (f)		47.5 ... 63 Hz
Frame Size		R3
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})		24 A
Output Current, Light-Overload Use (I _{LD})		28 A
Output Current, Normal Use (I _n)		30 A

Output Power, Heavy-Duty Use (P_{HD})	11 kW
Output Power, Light-Overload Use (P_{LD})	15 kW
Output Power, Normal Use (P_n)	15 kW
Apparent Power Output	21 kV-A
Efficiency Level	IE2
Standby Loss	34 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	134 W	89.2 %	0.6 %
0/50 %	168 W	92.7 %	0.8 %
0/100 %	268 W	94.1 %	1.3 %
50/25 %	141 W	94.2 %	0.7 %
50/50 %	184 W	96.0 %	0.9 %
50/100 %	309 W	96.6 %	1.5 %
90/50 %	206 W	97.5 %	1.0 %
90/100 %	359 W	97.8 %	1.7 %

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	056afa37-4c9d-45a8-b6fa-8011be013b84 Finland (FI)
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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

