

PRODUCT-DETAILS

ACS880-M04-025A-5

ACS880-M04-025A-5 PN: 11.0 kW, IN: 25 A



General Information

Global Commercial Alias	ACS880-M04-025A-5
Product ID	3AXD50000036408
ABB Type Designation	ACS880-M04-025A-5
Catalog Description	ACS880-M04-025A-5 PN: 11.0 kW, IN: 25 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-M04-025A-5 PN: 11.0 kW, IN: 25 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})	19 A
Output Current, Light- Overload Use (I_{LD})	23 A
Output Current, Normal Use (I_n)	25 A

Output Power, Heavy-Duty Use (P_{HD})	7.5 kW
Output Power, Light-Overload Use (P_{LD})	11 kW
Output Power, Normal Use (P_n)	11 kW
Apparent Power Output	17 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 %	115 W	88.9 %	0.7 %
0/50 %	141 W	92.6 %	0.8 %
0/100 %	216 W	94.2 %	1.2 %
50/25 %	120 W	94.1 %	0.7 %
50/50 %	153 W	96.0 %	0.9 %
50/100 %	248 W	96.7 %	1.4 %
90/50 %	171 W	97.5 %	1.0 %
90/100 %	285 W	97.9 %	1.6 %

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

