

PRODUCT-DETAILS

ACS480-04-09A5-4

ACS480-04-09A5-4 PN: 4.0 kW, IN: 9.4 A



General Information

Global Commercial Alias	ACS480-04-09A5-4
Product ID	3AXD50000047770
ABB Type Designation	ACS480-04-09A5-4
EAN	6438177458982
Catalog Description	ACS480-04-09A5-4 PN: 4.0 kW, IN: 9.4 A

Long Description	<p>The ACS480 is a ready-made and capable package for many applications, such as compressors, fan and conveyors, in a variety of light industries, including food and beverage, logistics and warehousing, water and wastewater, and agriculture. It has all essential features built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance. It's a great fit for variable torque and basic speed applications, where you can leverage a compact, cabinet-optimized design for a cost-effective and efficient solution.</p>
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Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044084
Invoice Description	ACS480-04-09A5-4 PN: 4.0 kW, IN: 9.4 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	3.371 dm³
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Dimensions

Product Net Weight	1.4 kg
Product Net Depth / Length	207.1 mm
Product Net Height	223 mm
Product Net Width	73 mm
Package Level 1 Depth / Length	282 mm
Package Level 1 Height	273 mm
Package Level 1 Width	148 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	acc. to IEC 60529 IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	63.10 dB(A)
Frequency (f)	47 ... 63 Hz
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 0 Other 2
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6 / 3

Output Current, Heavy-Duty Use	7.2 A
Output Current, Light-Overload Use	8.9 A
Output Current, Normal Use	9.4 A
Output Power, Heavy-Duty Use	3.0 kW
Output Power, Light-Overload Use	4.0 kW
Output Power, Normal Use	4.0 kW
Apparent Power Output	6.5 kV·A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	62 W	84.8 %	0.9 %
0/50 %	73 W	90.1 %	1.1 %
0/100 %	105 W	92.2 %	1.6 %
50/25 %	64 W	91.8 %	1.0 %
50/50 %	80 W	94.6 %	1.2 %
50/100 %	119 W	95.6 %	1.8 %
90/50 %	90 W	96.5 %	1.4 %
90/100 %	140 W	97.1 %	2.2 %

Temperature Rating Maximum 50 °C

Additional Information

Product Main Type	ACS480-04
Product Name	Frequency converter

Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kW
UNSPSC	39122001

Environmental

SCIP	4b7f0af1-4313-4811-b990-f45b6c1653c8 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS480-04 - Drive module



Submitted by TECO Group