

PRODUCT-DETAILS

ACH480-04-09A8-1

LV AC drive module for HVAC, IEC: Pn 2.2 kW, 9.8 A, 200 V (ACH480-04-09A8-1)



General Information

Global Commercial Alias	ACH480-04-09A8-1
Product ID	3AXD50000352449
ABB Type Designation	ACH480-04-09A8-1
EAN	6438177552901
Catalog Description	LV AC drive module for HVAC, IEC: Pn 2.2 kW, 9.8 A, 200 V (ACH480-04-09A8-1)

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
Invoice Description	ACH480-04-09A8-1 PN: 2.2 kW, IN: 9.8 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	4.499 dm³
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Dimensions

Product Net Weight	2.2 kg 4.850 lb
Product Net Depth / Length	208 mm 8.189 in
Product Net Height	223 mm 8.780 in
Product Net Width	97 mm 3.819 in
Package Level 1 Depth / Length	282 mm 11.102 in
Package Level 1 Height	273 mm 10.748 in
Package Level 1 Width	174 mm 6.850 in

Technical

Number of Phases	1
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Sound dB (A)	58.80 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f)	47 ... 63 Hz
Frame Size	R2
Communication Protocol	BACNET CAN DeviceNet EtherNet/IP LON MODBUS Other Bus Systems PROFIBUS PROFINET IO TCP/IP
Number of Hardware Interfaces	Industrial Ethernet 0 Other 2 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1
Includes	Control unit PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6 / 3
Output Current, Heavy- Duty Use (I_{HD})	7.8 A
Output Current, Light- Overload Use (I_{LD})	9.3 A
Output Current, Normal Use (I_N)	9.8 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	3.9 kV·A
Efficiency Level	IE2

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current
0/25 %
0/50 %
0/100 %
50/25 %
50/50 %
50/100 %
90/50 %
90/100 %

Temperature Rating	Maximum 50 °C
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Additional Information

Product Main Type	ACH480-04
Product Name	Frequency converter

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH480-04 - Drive module for HVAC

