

PRODUCT-DETAILS

ACH480-04-03A7-2

LV AC drive module for HVAC, IEC: Pn 0.55 kW, 3.7 A, 200 V (ACH480-04-03A7-2)



General Information

Global Commercial Alias	ACH480-04-03A7-2
Product ID	3AXD50000646951
ABB Type Designation	ACH480-04-03A7-2
EAN	6438177640233
Catalog Description	LV AC drive module for HVAC, IEC: Pn 0.55 kW, 3.7 A, 200 V (ACH480-04-03A7-2)

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044085
Invoice Description	ACH480-04-03A7-2 PN: 0.55 kW, IN: 3.7 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	3.386 dm ³
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Dimensions		
Product Net Weight		1.7 kg
		3.748 lb
Product Net Depth / Length		208 mm
		8.189 in
Product Net Height		223 mm
		8.780 in
Product Net Width		73 mm
		2.874 in
Package Level 1 Depth / Length		282 mm
		11.102 in
Package Level 1 Height		273 mm
		10.748 in
Package Level 1 Width		148 mm
		5.827 in

Technical		
Number of Phases		3
Degree of Protection		IP20
Enclosure Type NEMA		Open Type
Sound dB (A)		63.10 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g	
Frequency (f)		47 ... 63 Hz
Frame Size		R1
Communication Protocol		BACNET
		CAN
		DeviceNet
		EtherNet/IP
		LON
		MODBUS
		Other Bus Systems
		PROFIBUS
		PROFINET IO
		TCP/IP
		Industrial Ethernet 0
		Other 2
		Parallel 0
		PROFINET 0
		RS-232 0
Number of Hardware Interfaces		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})		2.4 A
Output Current, Light-Overload Use (I_{LD})		3.5 A
Output Current, Normal		3.7 A

Use (I_n)	
Output Power, Heavy-	0.37 kW
Duty Use (P_{HD})	
Output Power, Light-	0.55 kW
Overload Use (P_{LD})	
Output Power, Normal	0.55 kW
Use (P_n)	
Apparent Power Output	2.6 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	Base unit

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

