

## PRODUCT-DETAILS

# ACH580-01-07A5-2+B056

LV AC wall-mounted drive for HVAC, 7.5 A, 208 ... 240 V (ACH580-01-07A5-2+B056)



## General Information

Global Commercial Alias	ACH580-01-07A5-2+B056
Product ID	3AXD50000296736
ABB Type Designation	ACH580-01-07A5-2+B056
EAN	6438177545200
Catalog Description	LV AC wall-mounted drive for HVAC, 7.5 A, 208 ... 240 V (ACH580-01-07A5-2+B056)
Long Description	ACH580 HVAC drive offering has all key features built-in to control fans, pumps and compressors, and more complex equipment like air-handling units and chillers, ensuring smooth, energy-efficient operation of your HVAC systems in normal and mission-critical situations. The built-in features significantly reduce installation time and the intuitive control panel with an HVAC-specific primary settings menu and help assistants makes startup, commissioning and operation easy. The optional Bluetooth® capability enables the commissioning and monitoring of the drive from a distance. The ACH580-01 comes in IP21 enclosure and can be installed on the wall as standard. Also, IP55 and flange mounting units are available.

## Ordering

Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	ACH580-01-07A5-2+B056, 230VAC, Pn 2HP, I2LD 7.5A, N12/IP55

Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

## Dimensions

Product Net Weight	11 lb
Product Net Depth / Length	9.17 in
Product Net Height	17.78 in
Product Net Width	5.09 in
Package Level 1 Units	1 carton

## Technical

Number of Phases	3
Degree of Protection	IP55
Enclosure Type NEMA	Type12
Frequency (f)	50/60 Hz
Frame Size	R1
Input Voltage ( $U_{in}$ )	200 ... 240 V
Mounting Type	Wall-mounting
Output Current, Normal Use ( $I_n$ )	7.5 A
Output Power, Light-Overload Use ( $P_{LD}$ )	2 Hp
Apparent Power Output	3.0 kV·A
Efficiency Level	IE2
Standby Loss	13 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	40 W	1.3 %	79.9 %
0 / 50 %	45 W	1.5 %	87.1 %
0 / 100 %	59 W	2.0 %	90.6 %
50 / 25 %	42 W	1.4 %	88.8 %
50 / 50 %	49 W	1.6 %	92.9 %
50 / 100 %	66 W	2.2 %	94.7 %
90 / 50 %	54 W	1.8 %	95.5 %
90 / 100 %	81 W	2.7 %	96.3 %

Temperature Rating	Maximum 40 °C
--------------------	---------------

Additional Information	
Product Name	AC Drive
Classifications	
UNSPSC	39122001
Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories	
Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH580-01 - Wall-mounted drive for HVAC	

