ACH580-01-144A-6+B056 1/3



PRODUCT-DETAILS

ACH580-01-144A-6+B056 LV AC wall-mounted drive for HVAC, 144 A (ACH580-01-144A-6+B056)



General Information	
Global Commercial Alias	ACH580-01-144A-6+B056
Product ID	3AXD50000302208
ABB Type Designation	ACH580-01-144A-6+B056
EAN	6438177545071
Catalog Description	LV AC wall-mounted drive for HVAC, 144 A (ACH580-01-144A-6+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.

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Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	ACH580-01-144A-6+B056, 575VAC, Pn 150HP, I2LD 144A, N12/IP55
Made To Order	No

ACH580-01-144A-6+B056 2/3

Order Only No Sellinu Unit of Measure No Dimensions Product Net Weight 170 lb Product Net Depth / Length 17.8 in Length 44.23 in Product Net Height 44.23 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Technical Number of Phases 3 Degree of Protection 195 Enclosure Type NEMA Type12 Frequency (f) 500 600 Hz Frequency (f) 500 600 Hz Frequency (g) 500 600 Hz Unput Voltage (U _{In}) 500 600 Hz Mounting Type Wall-mounting Output Current, Normal 144 A Use (f) 150 Hp Classifications Unspect UNSPSC 3912201 Environmental 4 Large Equipment (Any External Dimension More Than 50 cm) Additional Information Product Name	Minimum Order Quantity	1 piece
Selling Unit of Measure Dimensions Product Net Weight 17.8 in Product Net Height 44.23 in Product Net Height 13.8 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Number of Phases Degree of Protection 195 Enclosure Type NEMA Type12 Frame Size R8 Input Voltage (Un) 500-600 Hz Mounting Type Wall-mounting Output Current, Normal 144 A Use (In) 150 Hp Output Power, Light- 150 Hp Overload Use (P LD) 39122001 Environmental WEEE Category 4 Large Equipment (Any External Dimension More Than 50 cm)	Order Multiple	1 piece
Dimensions Product Net Depth / Product Net Depth / 17.8 in 17	Quote Only	No
Product Net Weight 170 lb Product Net Depth / 17.8 in Length 44.23 in Product Net Height 44.23 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Number of Phases 3 Degree of Protection IPS5 Enclosure Type NEMA Type12 Frequency (f) 500-600 V Frequency (g) 500-600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (In) 150 Hp Output Power, Light- 150 Hp Overload Use (PLD) 39122001 Environmental 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information 4. Large Equipment (Any External Dimension More Than 50 cm)	Selling Unit of Measure	piece
Product Net Weight 170 lb Product Net Depth / Length 17.8 in Product Net Height 44.23 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Number of Phases 3 Degree of Protection IP55 Enclosure Type NEMA Type12 Frequency (f) 500-600 V Frequency (g) 500-600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _p) 150 Hp Overload Use (P _{LD}) 150 Hp Classifications 39122001 Environmental 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information 4. Large Equipment (Any External Dimension More Than 50 cm)		
Product Net Depth / Length 17.8 in Length Product Net Height 44.23 in 13.8 in 13.8 in 13.8 in 13.8 in 15.2 kage Level 1 Units Technical Technical Number of Phases 3 Degree of Protection IP55 Enclosure Type NEMA Type12 Frequency (f) 50/60 Hz Frame Size R8 Input Voltage (U _{In}) 50 – 600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _D) 150 Hp Output Power, Light- Overload Use (P _{LD}) 150 Hp Classifications UNSPSC 3912201 Environmental WEEE Category 4 Large Equipment (Any External Dimension More Than 50 cm)	Dimensions	
Length 44.23 in Product Net Height 44.23 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Number of Phases 3 Degree of Protection IP55 Enclosure Type NEMA Type 12 Frequency (f) 50/60 Hz Frequency (f) \$0.60 V Mounting Type Notlage (U _{In}) \$0.0 - 600 V Mounting Type Well-mounting Output Current, Normal 144 A Use (I _p) 150 Hp Output Power, Light- 150 Hp Overload Use (P _{LD}) 150 Hp Classifications 39122001 Environmental 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information 4. Large Equipment (Any External Dimension More Than 50 cm)	Product Net Weight	170 lb
Product Net Height 44.23 in Product Net Width 13.8 in Package Level 1 Units 1 carton Technical Number of Phases 3 Degree of Protection 1P5s Enclosure Type NEMA Type 12 Frequency (f) 50/60 Hz Frame Size R8 Input Voltage (Un) 500 600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (In) 150 Hp Output Power, Light- 150 Hp Overload Use (PLD) 3912201 Classifications UNSPSC 39122001 Environmental 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information 4. Large Equipment (Any External Dimension More Than 50 cm)		17.8 in
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Enclosure Type NEMA Type12 Frequency (f) 50/60 Hz Frame Size R8 Input Voltage (U _{in}) 500 600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _n) Output Power, Light-Overload Use (P _{LD}) 150 Hp Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Number of Phases	3
Frequency (f) 50/60 Hz Frame Size R8 Input Voltage (U _{in}) 500 600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _n) Output Power, Light- 150 Hp Overload Use (P _{LD}) Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Degree of Protection	IP55
Frame Size R8 Input Voltage (U _{in}) 500 600 V Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _n) 150 Hp Output Power, Light-Overload Use (P _{LD}) 150 Hp Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Enclosure Type NEMA	Type12
Input Voltage (U _{in}) Mounting Type Wall-mounting Output Current, Normal 144 A Use (I _n) Output Power, Light- Overload Use (P _{LD}) Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)	Frequency (f)	50/60 Hz
Mounting Type Wall-mounting Output Current, Normal 144 A Use (In) Output Power, Light- Overload Use (PLD) Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information		R8
Output Current, Normal Use (In) Output Power, Light- Overload Use (PLD) Classifications UNSPSC Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Input Voltage (U _{in})	500 600 V
Use (In) Output Power, Light- Overload Use (PLD) Classifications UNSPSC Salazzoo1 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Mounting Type	Wall-mounting
Output Power, Light- Overload Use (P _{LD}) Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	•	144 A
Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Use (I _n)	
Classifications UNSPSC 39122001 Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Output Power, Light-	150 Hp
Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Overload Use (P _{LD})	
Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information		
Environmental WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	Classifications	
WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information	UNSPSC	39122001
WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm) Additional Information		
Additional Information	Environmental	
	WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
Product Name AC Drive	Additional Information	
	Product Name	AC Drive

ACH580-01-144A-6+B056 3/3

Categories

 $\text{Drives} \rightarrow \text{Low Voltage AC Drives} \rightarrow \text{Industry-Specific Drives} \rightarrow \text{Drives for HVAC} \rightarrow \text{ACH580-01} - \text{Wall-mounted drive for HVAC}$











