

PRODUCT-DETAILS

# ACH580-01-07A3-4

ACH580-01-07A3-4 PN: 3.0 kW, IN: 7.2 A




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## General Information

Global Commercial Alias	ACH580-01-07A3-4
Product ID	3AXD50000038985
ABB Type Designation	ACH580-01-07A3-4
EAN	6438177459453
Catalog Description	ACH580-01-07A3-4 PN: 3.0 kW, IN: 7.2 A

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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## Complete Drive Module Efficiency (61800-9-2)

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Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	47 W	1.0 %	84.7 %
0 / 50 %	55 W	1.1 %	90.2 %
0 / 100 %	76 W	1.5 %	92.6 %
50 / 25 %	50 W	1.0 %	91.7 %
50 / 50 %	60 W	1.2 %	94.7 %
50 / 100 %	85 W	1.7 %	95.9 %
90 / 50 %	66 W	1.3 %	96.7 %
90 / 100 %	97 W	1.9 %	97.3 %

## Ordering

Customs Tariff Number	85044084
EAN	6438177459453
Replaced Product ID (OLD)	3AUA0000080515
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

## Container Information

Gross Volume	0 m <sup>3</sup>
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## Dimensions

Product Net Height	373 mm
Product Net Length	223 mm
Product Net Weight	4.6 kg
Product Net Width	125 mm

## Technical

Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Mounting Type	Wall-mounted
Number of Phases	3
Communication Protocol	BACNET MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

## Additional Information

Product Main Type	ACH580-01
Product Name	Frequency converter

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## Classifications

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ETIM 7

EC001857 - Frequency converter =< 1 kV

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## Categories

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

