

PRODUCT-DETAILS

# ACH580-01-430A-4+B056

ACH580-01-430A-4+B056 PN: 250 kW, IN: 430

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## General Information

Global Commercial Alias	ACH580-01-430A-4+B056
Product ID	3AUA0000083610
ABB Type Designation	ACH580-01-430A-4+B056
EAN	6438177306412
Catalog Description	ACH580-01-430A-4+B056 PN: 250 kW, IN: 430 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.

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

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1471 W	0.5 %	91.5 %
0 / 50 %	2121 W	0.7 %	93.6 %
0 / 100 %	4032 W	1.4 %	93.9 %
50 / 25 %	1615 W	0.5 %	95.4 %
50 / 50 %	2393 W	0.8 %	96.5 %
50 / 100 %	4676 W	1.6 %	96.5 %
90 / 50 %	2821 W	0.9 %	97.6 %
90 / 100 %	6072 W	2.0 %	97.5 %

## Ordering

Customs Tariff Number	85044088
EAN	6438177306412
Quote Only	No
Made To Order	No
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

## Dimensions

Product Net Height	955 mm
Product Net Length	477 mm
Product Net Weight	103 kg
Product Net Width	380 mm

## Technical

Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 V
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

## Classifications

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

