

PRODUCT-DETAILS

ACH580-01-04A1-4+B056

ACH580-01-04A1-4+B056 PN: 1.5 kW, IN: 4.0 A



General Information

Global Commercial Alias	ACH580-01-04A1-4+B056
Product ID	3AXD50000039000
ABB Type Designation	ACH580-01-04A1-4+B056
EAN	6438177459552
Catalog Description	ACH580-01-04A1-4+B056 PN: 1.5 kW, IN: 4.0 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 %	34 W	1.2 %	81.0 %
0 / 50 %	38 W	1.4 %	88.2 %
0 / 100 %	47 W	1.7 %	91.8 %
50 / 25 %	36 W	1.3 %	89.6 %
50 / 50 %	40 W	1.5 %	93.6 %
50 / 100 %	52 W	1.9 %	95.5 %
90 / 50 %	44 W	1.6 %	96.0 %
90 / 100 %	60 W	2.2 %	97.0 %

Ordering

Customs Tariff Number	85044084
EAN	6438177459552
Replaced Product ID (OLD)	3AUA0000083588
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 ³
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Dimensions

Product Net Height	403 mm
Product Net Length	233 mm
Product Net Weight	4.8 kg
Product Net Width	128 mm

Technical

Frequency (f)	50/60 Hz
Input Voltage (U _{in})	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

Categories

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

