

PRODUCT-DETAILS

# ACH580-01-018A-2

ACH580-01-018A-2 PN: 4.0 kW, IN: 16.9 A



## General Information

Global Commercial Alias	ACH580-01-018A-2
Product ID	3AXD50000417681
ABB Type Designation	ACH580-01-018A-2
EAN	6438177591504
Catalog Description	ACH580-01-018A-2 PN: 4.0 kW, IN: 16.9 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 %	83 W	1.2 %	82.1 %
0 / 50 %	104 W	1.4 %	87.6 %
0 / 100 %	159 W	2.2 %	89.5 %
50 / 25 %	89 W	1.2 %	89.9 %
50 / 50 %	115 W	1.6 %	93.0 %
50 / 100 %	183 W	2.6 %	93.9 %
90 / 50 %	130 W	1.8 %	95.5 %
90 / 100 %	228 W	3.2 %	95.7 %

## Ordering

Customs Tariff Number	85044084
EAN	6438177591504
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	10.397 dm <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> )	200 ... 240 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

