

PRODUCT-DETAILS

ACH580-01-018A-2+B056

ACH580-01-018A-2 Pn 4,0 kW, I_{2n} 16,9 A,
Protection class IP55, EMC class C2



General Information

Global Commercial Alias	ACH580-01-018A-2+B056
Product ID	3AXD50000417834
ABB Type Designation	ACH580-01-018A-2+B056
EAN	6438177591658
Catalog Description	ACH580-01-018A-2 Pn 4,0 kW, I _{2n} 16,9 A, Protection class IP55, EMC class C2
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 %	85 W	1.2 %	81.8 %
0 / 50 %	106 W	1.5 %	87.4 %
0 / 100 %	161 W	2.2 %	89.4 %
50 / 25 %	90 W	1.3 %	89.7 %
50 / 50 %	116 W	1.6 %	92.9 %
50 / 100 %	185 W	2.6 %	93.9 %
90 / 50 %	132 W	1.8 %	95.4 %
90 / 100 %	230 W	3.2 %	95.7 %

Ordering

Customs Tariff Number	85044084
EAN	6438177591658
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	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})	200 ... 240 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 Name	Frequency converter
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Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kV
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Categories

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

