ACH580-01-106A-4+B056

ACH580-01-106A-4+B056 PN: 55 kW, IN: 106 A

General Information

Global Commercial Alias	ACH580-01-106A-4+B056
Product ID	3AUA0000083603
ABB Type Designation	ACH580-01-106A-4+B056
EAN	6438177306344
Catalog Description	ACH580-01-106A-4+B056 PN: 55 kW, IN: 106 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 %	325 W	0.4 %	92.5 %
0 / 50 %	449 W	0.6 %	94.5 %
0 / 100 %	864 W	1.2 %	94.6 %
50 / 25 %	359 W	0.5 %	95.9 %
50 / 50 %	521 W	0.7 %	96.8 %
50 / 100 %	1023 W	1.4 %	96.9 %
90 / 50 %	606 W	0.8 %	97.9 %
90 / 100 %	1290 W	1.8 %	97.8 %

Ordering

Customs Tariff Number	85044088
EAN	6438177306344
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	36.645 dm³

Dimensions

Product Net Height	1023 mm
Product Net Length	320 mm
Product Net Weight	29 kg
Product Net Width	203 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

Categories

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