Product No: 3AXD50000039004

ABB ACH580 5.5KW 12.7A IP55 HVAC DRIVE W/ CP ACH580-01-12A7-4+B056+J400

FEATURES

- ACH580 HVAC drive controls fans, pumps, compressors, and complex HVAC equipment efficiently.
- Built-in features reduce installation time for smooth, energy-efficient operation.
- Intuitive control panel and HVAC-specific settings simplify startup and operation.
- Optional Bluetooth® enables remote commissioning and monitoring.
- ACH580-01 offers flexible installation with IP21 for wall mounting, and options for IP55 and flange mounting.

General Information	
Brand	ABB
EAN	6438177459590
Product Type	HVAC

Technical Attributes	
Application	Industrial, Commercial & Domestic
Communication Protocols	TCP/IP PROFIBUS CAN MODBUS DeviceNet / DeviceNet Safety LON PROFINET IO EtherNet/IP BACnet Other Bus Systems
Input Voltage AC (V)	380 - 480
Maximum Output Frequency (Hz)	500
Maximum Output Voltage AC (V)	480
No. of Analogue Inputs	2

No. of Digital Inputs	6
No. of Digital Outputs	3
Nominal Output Current (A)	12.6
Number of Other HW Interfaces	2
Number of Parallel Interfaces	2
Number of RS-485 Interfaces	1
Number of USB Interfaces	1
Output Power - Normal Duty (kW)	5.5
Relative Symmetric Net Frequency Tolerance	5%
Relative Symmetric Net Voltage Tolerance	10%

Physical Attributes

Contains	Control ElementPC Connection

Dimensions

Dimensions (mm)	128W x 403H x 233D

Resources

Product catalogue (Flipbook)	[Download from here](#)