

**Product No: 3AXD50001063139**

**ABB ACH580 45KW 89A IP55 HVAC DRIVE W/ CP ACH580-01-089A-4+B056+J400 3AXD50001063139**

**FEATURES**

- ACH580 HVAC drive includes key features for controlling fans, pumps, compressors, air-handling units, and chillers.
- Ensures smooth and energy-efficient operation for both normal and mission-critical HVAC systems.
- Built-in features reduce installation time.
- Intuitive control panel with HVAC-specific primary settings menu and help assistants.
- Simplifies startup, commissioning, and operation processes.
- Optional Bluetooth® capability for commissioning and monitoring from a distance.
- ACH580-01 available in IP21 enclosure for standard wall installation.
- IP55 and flange mounting options are also available.



**General Information**

Efficiency Level	IE2
Country of Origin	Finland (FI)

**Technical Attributes**

Communication Protocols	BACNET CAN DeviceNet EtherNet/IP LON MODBUS Other Bus Systems PROFIBUS PROFINET IO TCP/IP
Input Voltage (V)	380 ... 480
No. of Analogue Inputs	2
No. of Analogue Outputs	2
No. of Digital Inputs	6

No. of Digital Outputs	3
No. of Phases	3
Output Current (A)	89
Rated Frequency (Hz)	47.5 ... 63

#### Physical Attributes

Net Weight (g)	23
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#### Dimensions

Height (mm)	636
Length (mm)	265
Width (mm)	203

#### Protection & Standards

Degree of Protection	IP55
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