ipd

## Product No: 3AUA0000083605

### ABB ACH580 90KW 169A IP55 HVAC DRIVE W/ CP ACH580-01-169A-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

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|---|---|
| Brand | ABB |
| EAN | 6438177306368 |
| Product Type | HVAC |

### Technical Attributes

| | |
|---|---|
| Application | Industrial, Commercial & Domestic |
| Communication Protocols | TCP/IP<br>PROFIBUS<br>CAN<br>MODBUS<br>DeviceNet / DeviceNet Safety<br>LON<br>PROFINET IO<br>EtherNet/IP<br>BACnet<br>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) | 169 |
| 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) | 90 |
| Relative Symmetric Net Frequency Tolerance | 5% |
| Relative Symmetric Net Voltage Tolerance | 10% |

## Physical Attributes

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|---|---|
| Contains | Control Element<br>PC Connection |

## Dimensions

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|---|---|
| Dimensions (mm) | 284W x 880H x 370D |

## Resources

| | |
|---|---|
| Product catalogue (Flipbook) | [Download from here] |