

**Product No: 3AXD50000039013**

**ABB ACH580 18.5KW 39A IP55 HVAC DRIVE W/ CP ACH580-01-039A-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          | 6438177459637 |
| 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)                 | 38   |
| 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)            | 18.5 |
| Relative Symmetric Net Frequency Tolerance | 5%   |
| Relative Symmetric Net Voltage Tolerance   | 10%  |

### Physical Attributes

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

### Dimensions

|                 |                    |
|-----------------|--------------------|
| Dimensions (mm) | 206W x 490H x 237D |
|-----------------|--------------------|

### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|