

Product No: 3AXD50000039036

ABB ACQ580 3KW 7.3A IP55 WATER DRIVE W/ BLUETOOTH CP ACQ580-01-07A3-4+B056+J429

FEATURES

- ACQ580-01 drives offer innovative pump features for water and wastewater applications.
- The compact wall-mounted drive includes built-in pump functionalities like sensorless flow calculation and multipump control.
- Usability is enhanced with an intuitive control panel, PC tool Drive composer, and optional Bluetooth® control.
- The built-in energy calculator visualizes energy savings achieved with the drive.
- ACQ580-01 is available in IP21 enclosure for standard wall installation, with options for IP55 and flange mounting.



General Information

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|--------------|----------------------|
| Brand | ABB |
| EAN | 6438177459811 |
| Product Type | Water and Wastewater |

Technical Attributes

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|-------------------------------|--|
| Application | Industrial, Commercial & Domestic |
| Communication Protocol | TCP/IP PROFIBUS CAN MODBUS DeviceNet / DeviceNet Safety PROFINET IO EtherNet/IP 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 Analogue Outputs | 2 |
| No. of Digital Inputs | 6 |
| No. of Digital Outputs | 3 |

Technical Attributes

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|--|-----|
| Nominal Output Current (A) | 7.2 |
| 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) | 3 |
| Relative Symmetric Net Frequency Tolerance | 5% |
| Relative Symmetric Net Voltage Tolerance | 10% |

Physical Attributes

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|----------|----------------------------------|
| Contains | Control Element PC Connection |
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Dimensions

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