

**Product No: 3AXD50001063153**

**ABB ABB ACQ580 45KW 89A IP55 WATER DRIVE W/  
BLUETOOTH CP ACQ580-01-089A-4+B056+J429  
3AXD50001063153**



**FEATURES**

- ACQ580-01 drives offer innovative pump features for the water and wastewater industry.
- Ensures energy-efficient water and wastewater flow in pumping solutions.
- Compact, robust, wall-mounted design.
- Built-in pump functionalities include sensorless flow calculation, multipump control, level control, soft pipe fill, dry run protection, quick ramps, and impeller cleaning.
- Enhanced usability with the intuitive Hand-Off-Auto control panel, PC tool Drive Composer, and optional Bluetooth® control panel.
- Built-in energy calculator visualizes energy savings.
- ACQ580-01 comes in an IP21 enclosure as standard for wall installation.
- IP55 and flange mounting options are also available.

**General Information**

Efficiency Level	IE2
Country of Origin	Finland (FI) United States (US)

**Technical Attributes**

Communication Protocols	CAN DeviceNet EtherNet/IP 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 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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