

Product No: 3AXD50001063146

**ABB ABB ACQ580 45KW 89A IP21 WATER DRIVE W/ BLUETOOTH
CP ACQ580-01-089A-4+J429 3AXD50001063146**

FEATURES



- ACQ580-01 drives offer innovative pump features for water and wastewater industries.
- Ensures energy-efficient water and wastewater flow in pumping solutions.
- Robust, compact, wall-mounted drive with built-in pump application functionality.
- Features include sensorless flow calculation, multipump control, level control, soft pipe fill, dry run protection, quick ramps, and impeller cleaning solutions.
- Enhanced usability with intuitive Hand-Off-Auto control panel, PC tool Drive Composer, and optional Bluetooth® control panel.
- Built-in energy calculator visualizes energy savings.
- ACQ580-01 variant available in IP21 enclosure for standard wall installation.
- IP55 and flange mounting options also available.

General Information

Efficiency Level	IE2
Country of Origin	Finland (FI) Brazil (BR)

Technical Attributes

Communication Protocols	CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIBUS PROFINET IO TCP/IP
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
Power Factor	0.98
Rated Frequency (Hz)	47.5 ... 63

Physical Attributes

Mounting Type	Wall-mounted
Net Weight (g)	19

Dimensions

Height (mm)	636
Length (mm)	257
Width (mm)	203

Protection & Standards

Degree of Protection	IP21
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