



 PRODUCT-DETAILS

ACQ580-01-041A-6

LV AC wall-mounted drive for water and wastewater, UL: Pld 40 Hp, 41 A, 575 V (ACQ580-01-041A-6)

General Information

Global Commercial Alias	ACQ580-01-041A-6
Product ID	3AXD50000268627
ABB Type Designation	ACQ580-01-041A-6
EAN	6438177537977
Catalog Description	LV AC wall-mounted drive for water and wastewater, UL: Pld 40 Hp, 41 A, 575 V (ACQ580-01-041A-6)

Long Description	<p>The ACQ580-01 drives deliver innovative pump features for the water and wastewater industry, securing energy efficient flow of water and wastewater in your pumping solutions. This robust and compact wall-mounted drive has built-in pump application functionality such as sensorless flow calculation, multipump control, level control, soft pipe fill, dry run protection, quick ramps and a solution for keeping the impeller of the pump clean. Usability is further enhanced with the intuitive Hand-Off-Auto control panel, the PC tool Drive composer and an optional Bluetooth® control panel. The built-in energy calculator visualizes the energy savings achieved with the use of the drive. The ACQ580-01 variant comes in IP21 enclosure as standard and can be installed on the wall. Also, IP55 and flange mounting units are available.</p>
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Ordering

Country of Origin	Finland (FI) United States (US)
Customs Tariff Number	85044080
Invoice Description	ACQ580-01-041A-6, 575VAC, Pn 30HP, I2LD 32A, N1/IP21
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	62.4 lb
Product Net Depth / Length	11.6 in

Product Net Height	28.83 in
Product Net Width	7.99 in
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Frame Size	R5
Input Voltage (U_{in})	500 ... 600 V
Mounting Type	Wall-mounting

Technical UL

Output Current, Heavy-Duty Use (UL)	30 A
Output Current, Light-Overload Use (UL)	41 A
Output Power, Heavy-Duty Use (UL)	30 Hp
Output Power, Light-Overload Use (UL)	40 Hp

Classifications

UNSPSC	39122001
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Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Additional Information

Product Name	AC Drive
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Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for Water → ACQ580-01 - Wall-mounted drive for water and wastewater