

PRODUCT-DETAILS

ACQ580-31-143A-2

Wall-mounted ultra-low harmonic drive for water and wastewater, UL: Pld 50 Hp, 143 A, 230 V (ACQ580-31-143A-2)



General Information	
Global Commercial Alias	ACQ580-31-143A-2
Product ID	3AXD50001010805
ABB Type Designation	ACQ580-31-143A-2
Catalog Description	Wall-mounted ultra-low harmonic drive for water and wastewater, UL: Pld 50 Hp, 143 A, 230 V (ACQ580-31-143A-2)
Long Description	<p>The ACQ580-31 drives deliver innovative pump features for the water and wastewater industry, securing energy efficient flow of water and wastewater in your pumping solutions. The ultra-low harmonic variant provides ultimate harmonic performance, reaching even less than 3 % THDi, and exceeding the requirements set by low harmonic standards and recommendations. The drive includes an active supply unit and integrated low harmonic line filter, meaning there is no need for external filters, multi-pulse arrangements or special transformers. Other features include output voltage boost and power factor correction. 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 ultra-low harmonic wall-mounted variant comes in IP21 enclosure as standard. Also, IP55 and flange mounting units are available.</p>

Ordering	
Country of Origin	Finland (FI) United States (US)
Customs Tariff Number	85044080
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	260.146 lb
Product Net Depth / Length	17.244 in
Product Net Height	37.992 in
Product Net Width	11.811 in

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	208 ... 240 V

Additional Information

Product Name	AC Drive
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Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for water → ACQ580-31 - Wall-mounted ultra-low harmonic drive for water and wastewater



