

PRODUCT-DETAILS

# ACQ580-31-039A-4+B056

## LV AC wall-mounted ultra-low harmonic drive for water and wastewater (ACQ580-31-039A-4+B056)



General Information	
Global Commercial Alias	ACQ580-31-039A-4+B056
Product ID	3AXD50000429974
ABB Type Designation	ACQ580-31-039A-4+B056
EAN	6438177594765
Catalog Description	LV AC wall-mounted ultra-low harmonic drive for water and wastewater (ACQ580-31-039A-4+B056)
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)

Customs Tariff Number	85044084
Invoice Description	ACQ580-31-039A-4+B056
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	63 kg
Product Net Height	252 mm
Product Net Width	448 mm
Package Level 1 Units	1 carton

Technical

Frame Size	R6
Ecodesign Exemption	Energy efficiency data is not provided for the drive. The low-harmonic drives are exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.d).

Additional Information

Product Name	Frequency Converter
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Environmental

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

