



PRODUCT-DETAILS

ACQ580-01-02A7-4+B056

LV AC wall-mounted drive for water and wastewater, IEC: Pn 0.75 kW, 2.6 A (ACQ580-01-02A7-4+B056)



General Information	
Global Commercial Alias	ACQ580-01-02A7-4+B056
Product ID	3AXD50000039032
ABB Type Designation	ACQ580-01-02A7-4+B056
EAN	6438177459774
Catalog Description	LV AC wall-mounted drive for water and wastewater, IEC: Pn 0.75 kW, 2.6 A (ACQ580-01-02A7-4+B056)
Long Description	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.

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	29 W	76.5 %	1.6 %
0/50 %	31 W	85.5 %	1.7 %
0/100 %	36 W	90.5 %	2.0 %
50/25 %	30 W	86.9 %	1.7 %
50/50 %	33 W	92.2 %	1.8 %
50/100 %	39 W	94.8 %	2.2 %
90/50 %	35 W	95.2 %	1.9 %
90/100 %	44 W	96.7 %	2.4 %

Ordering

Customs Tariff Number	85044085
EAN	6438177459774
Replaced Product ID (OLD)	3AXD50000034610
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Container Information

Gross Volume	12.019 dm³
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Dimensions

Product Net Height	403 mm 15.866 in
Product Net Weight	4.8 kg 10.582 lb
Product Net Width	128 mm 5.039 in
Product Net Depth / Length	233 mm 9.173 in

Technical

Frequency (f)	47.5 ... 63 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Number of Phases	3
Communication Protocol	TCP/IP

Additional Information

Product Main Type	ACQ580-01
Product Name	Frequency converter

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Classifications	
ETIM 7	EC001857 - Frequency converter =< 1 kV

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

