



PRODUCT-DETAILS

ACQ580-01-018A-4+B056

LV AC wall-mounted drive for water and wastewater, IEC: Pn 7.5 kW, 17.0 A (ACQ580-01-018A-4+B056)



General Information	
Global Commercial Alias	ACQ580-01-018A-4+B056
Product ID	3AXD50000039044
ABB Type Designation	ACQ580-01-018A-4+B056
EAN	6438177459842
Catalog Description	LV AC wall-mounted drive for water and wastewater, IEC: Pn 7.5 kW, 17.0 A (ACQ580-01-018A-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 %	91 W	87.2 %	0.8 %
0/50 %	114 W	91.4 %	1.0 %
0/100 %	189 W	92.7 %	1.6 %
50/25 %	96 W	93.1 %	0.8 %
50/50 %	124 W	95.3 %	1.1 %
50/100 %	210 W	96.0 %	1.8 %
90/50 %	134 W	97.1 %	1.1 %
90/100 %	240 W	97.4 %	2.0 %

Ordering

Customs Tariff Number	85044085
EAN	6438177459842
Replaced Product ID (OLD)	3AXD50000034617
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	15.388 dm³
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Dimensions

Product Net Height	503 mm 19.803 in
Product Net Weight	6.8 kg 14.991 lb
Product Net Width	128 mm 5.039 in
Product Net Depth / Length	239 mm 9.409 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	4. Large Equipment (Any 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	

