

## PRODUCT-DETAILS

# ACQ531-01-03A3-4

## ACQ531-01-03A3-4 PN: 1.1kW, IN: 3.3A



### General Information

Global Commercial Alias	ACQ531-01-03A3-4
Product ID	3ABD00046375
ABB Type Designation	ACQ531-01-03A3-4
Catalog Description	ACQ531-01-03A3-4 PN: 1.1kW, IN: 3.3A

### Long Description

The ACQ531-01 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 simple pump application functionality. Usability is further enhanced with the optional 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 ACQ531-01 variant comes in an IP20 enclosure as standard and can be installed on the wall.

### Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACQ531-01-03A3-4 PN: 1.1kW, IN: 3.3A
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	1.6 kg
Product Net Depth / Length	207 mm
Product Net Height	223 mm
Product Net Width	73 mm
Package Level 1 Depth / Length	280 mm
Package Level 1 Height	270 mm
Package Level 1 Width	150 mm
Package Level 1 Units	1 carton

Technical	
Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R0
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use ( $I_{LD}$ )	3.1 A
Output Current, Normal Use ( $I_n$ )	3.3 A
Output Power, Light-Overload Use ( $P_{LD}$ )	1.1 kW
Output Power, Normal Use ( $P_n$ )	1.1 kW
Apparent Power Output	2.3 kV·A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	30 W	1.3 %	80.2 %
0 / 50 %	34 W	1.5 %	87.5 %
0 / 100 %	42 W	1.8 %	91.2 %
50 / 25 %	31 W	1.4 %	89 %
50 / 50 %	35 W	1.5 %	93.3 %
50 / 100 %	46 W	2 %	95.1 %
90 / 50 %	39 W	1.7 %	95.8 %
90 / 100 %	55 W	2.4 %	96.8 %

Temperature Rating

Maximum 40 °C

Additional Information	
Product Name	Frequency Converter
Classifications	
UNSPSC	39122001
Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for water → ACQ531-01 - Wall-mounted drive for water and wastewater

