

PRODUCT-DETAILS

ACQ531-01-02A7-4+P973

ACQ531-01-02A7-4+P973 PN: 0.75kW, IN: 2.6A



General Information	
Global Commercial Alias	ACQ531-01-02A7-4+P973
Product ID	3ABD00058619-D
ABB Type Designation	ACQ531-01-02A7-4+P973
Catalog Description	ACQ531-01-02A7-4+P973 PN: 0.75kW, IN: 2.6A
Long Description	<p>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.</p> <p>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.</p>

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACQ531-01-02A7-4+P973 PN: 0.75kW, IN: 2.6A
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	4 kg
Product Net Depth / Length	223 mm
Product Net Height	331 mm
Product Net Width	125 mm
Package Level 1 Depth / Length	425 mm
Package Level 1 Height	525 mm
Package Level 1 Width	225 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	R1
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Light-Overload Use (I_{LD})	2.5 A
Output Current, Normal Use (I_n)	2.6 A
Output Power, Light-Overload Use (P_{LD})	0.75 kW
Output Power, Normal Use (P_n)	0.75 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	28 W	1.5 %	77.6 %
0 / 50 %	30 W	1.6 %	86.2 %
0 / 100 %	34 W	1.9 %	90.9 %
50 / 25 %	28 W	1.6 %	87.5 %
50 / 50 %	31 W	1.7 %	92.5 %
50 / 100 %	37 W	2.1 %	95 %
90 / 50 %	33 W	1.8 %	95.4 %
90 / 100 %	42 W	2.3 %	96.8 %

Additional Information

Product Name Frequency Converter

Classifications

UNSPSC 39122001

Categories

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

