

PRODUCT-DETAILS

ACQ531-01-12A7-4+P974
ACQ531-01-12A7-4+P974 PN: 5.5kW, IN: 12.6A



General Information	
Global Commercial Alias	ACQ531-01-12A7-4+P974
Product ID	3ABD00058648-D
ABB Type Designation	ACQ531-01-12A7-4+P974
Catalog Description	ACQ531-01-12A7-4+P974 PN: 5.5kW, IN: 12.6A
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	ACQ531-01-12A7-4+P974 PN: 5.5kW, IN: 12.6A
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})	12 A
Output Current, Normal Use (I_n)	12.6 A
Output Power, Light-Overload Use (P_{LD})	5.5 kW
Output Power, Normal Use (P_n)	5.5 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	66 W	0.8 %	87.4 %
0 / 50 %	86 W	1 %	91.2 %
0 / 100 %	155 W	1.8 %	92 %
50 / 25 %	71 W	0.8 %	93.1 %
50 / 50 %	96 W	1.1 %	95.1 %
50 / 100 %	176 W	2 %	95.5 %
90 / 50 %	106 W	1.2 %	96.9 %
90 / 100 %	211 W	2.4 %	96.9 %

Additional Information

Product NameFrequency Converter

Classifications

UNSPSC39122001

Categories

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

