

## PRODUCT-DETAILS

# ACS310-03U-03A9-2

## ACS310-03U-03A9-2, 200 VAC, Pn 0.75HP , I2n 3.9A, IP20



### General Information

Global Commercial Alias	ACS310-03U-03A9-2
Product ID	3AUA0000049469
ABB Type Designation	ACS310-03U-03A9-2
EAN	6438177222873
Catalog Description	ACS310-03U-03A9-2, 200 VAC, Pn 0.75HP , I2n 3.9A, IP20
Long Description	The ACS310 drives are designed for variable torque applications such as booster pumps and supply and return fans. The drive includes a powerful and beneficial set of features designed for pump and fan applications. These features include built-in PID controllers and pump and fan control (PFC) that varies the drive's performance in response to changes in pressure, flow or other external data.

### Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044088
Invoice Description	ACS310-03U-03A9-2, 200 VAC, Pn 0.75HP , I2n 3.9A, IP20
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	1.179 kg
Product Net Depth / Length	6.34 in
Product Net Height	9.41 in
Product Net Width	2.76 in

Technical

Number of Phases	3
Degree of Protection	IP20
Frequency (f)	50/60 Hz
Frame Size	R0
Input Voltage (U <sub>in</sub> )	200 ... 240 V
Mounting Type	Wall-mounting
Output Current, Normal Use (I <sub>n</sub> )	3.9 A
Output Power, Normal Use (P <sub>n</sub> )	0.75 Hp
Apparent Power Output	1.6 kV·A
Efficiency Level	IE2
Standby Loss	7 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	23 W	1.5 %	77.8 %
0 / 50 %	28 W	1.8 %	85.2 %
0 / 100 %	38 W	2.4 %	88.6 %
50 / 25 %	25 W	1.6 %	87.4 %
50 / 50 %	30 W	1.9 %	91.7 %
50 / 100 %	42 W	2.7 %	93.5 %
90 / 50 %	34 W	2.2 %	94.7 %
90 / 100 %	49 W	3.2 %	95.8 %

Temperature Rating	Maximum 40 °C
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Additional Information

Product Name	AC Drive
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Classifications	
eClass	ETIM 7
UNSPSC	39122001

Environmental	
SCIP	368fa7b1-e126-40b4-92a8-e40ef6adc38a Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories	
Drives → Low Voltage AC Drives → General Purpose Drives → ACS310 - Drive module for pumps and fans	

