

PRODUCT-DETAILS

# ACS310-03U-08A3-2

## ACS310-03U-08A3-2, 200 VAC, Pn 2HP , I2n 8.3A, IP20



### General Information

Global Commercial Alias	ACS310-03U-08A3-2
Product ID	3AUA0000049473
ABB Type Designation	ACS310-03U-08A3-2
EAN	6438177222903
Catalog Description	ACS310-03U-08A3-2, 200 VAC, Pn 2HP , I2n 8.3A, 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	85044084
Invoice Description	ACS310-03U-08A3-2, 200 VAC, Pn 2HP , I2n 8.3A, IP20
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	1.406 kg
Product Net Height	9.41 in
Product Net Length	6.34 in
Product Net Width	2.76 in

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## Technical

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Number of Phases	3
Degree of Protection	IP20
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Wall-mounting
Output Current, Normal Use ( $I_n$ )	8.3 A
Output Power, Normal Use ( $P_n$ )	2 Hp
Apparent Power Output	3.3 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 %	43 W	1.3 %	80.2 %
0 / 50 %	51 W	1.5 %	87.0 %
0 / 100 %	68 W	2.1 %	90.2 %
50 / 25 %	46 W	1.4 %	88.9 %
50 / 50 %	55 W	1.7 %	92.8 %
50 / 100 %	77 W	2.3 %	94.5 %
90 / 50 %	62 W	1.9 %	95.4 %
90 / 100 %	89 W	2.7 %	96.3 %

Temperature Rating Maximum 40 °C

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## Additional Information

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Product Name AC Drive

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## Classifications

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eClass ETIM 7  
UNSPSC 39122001

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## Environmental

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SCIP f1e04c62-cc4b-446d-ad73-3ee1ba33dd03 Finland (FI)

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

