

## PRODUCT-DETAILS

# ACS310-03U-04A5-4

## ACS310-03U-04A5-4, 480 VAC, Pn 2HP , I2n 4.5A, IP20



### General Information

Global Commercial Alias	ACS310-03U-04A5-4
Product ID	3AUA0000049484
ABB Type Designation	ACS310-03U-04A5-4
EAN	6438177223016
Catalog Description	ACS310-03U-04A5-4, 480 VAC, Pn 2HP , I2n 4.5A, 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-04A5-4, 480 VAC, Pn 2HP , I2n 4.5A, 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	1.406 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	R1
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Wall-mounting
Output Current, Normal Use ( $I_n$ )	4.5 A
Output Power, Normal Use ( $P_n$ )	2 Hp
Apparent Power Output	3.7 kV·A
Efficiency Level	IE2
Standby Loss	8 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	37 W	1.0 %	84.4 %
0 / 50 %	42 W	1.1 %	90.2 %
0 / 100 %	54 W	1.4 %	92.9 %
50 / 25 %	38 W	1.0 %	91.6 %
50 / 50 %	44 W	1.2 %	94.8 %
50 / 100 %	59 W	1.6 %	96.2 %
90 / 50 %	47 W	1.3 %	96.8 %
90 / 100 %	65 W	1.7 %	97.6 %

Temperature Rating	Maximum 40 °C
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Additional Information	
Product Name	AC Drive

Classifications	
eClass	ETIM 7
UNSPSC	39122001

Environmental	
SCIP	fe629aef-0cd8-4aa5-bc1a-660329359953 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

