

## PRODUCT-DETAILS

# ACS310-03U-48A4-4

## ACS310-03U-48A4-4, 480 VAC, Pn 30HP , I2n 48.4A, IP20



### General Information

Global Commercial Alias	ACS310-03U-48A4-4
Product ID	3AUA0000049497
ABB Type Designation	ACS310-03U-48A4-4
EAN	6438177223108
Catalog Description	ACS310-03U-48A4-4, 480 VAC, Pn 30HP , I2n 48.4A, 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-48A4-4, 480 VAC, Pn 30HP , I2n 48.4A, 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	5.08 kg
Product Net Depth / Length	6.65 in
Product Net Height	9.61 in
Product Net Width	10.24 in

Technical

Number of Phases	3
Degree of Protection	IP20
Frequency (f)	50/60 Hz
Frame Size	R4
Input Voltage (U <sub>in</sub> )	200 ... 240 V
Mounting Type	Wall-mounting
Output Current, Normal Use (I <sub>n</sub> )	48.4 A
Output Power, Normal Use (P <sub>n</sub> )	30 Hp
Apparent Power Output	40 kV·A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	247 W	0.6 %	89.6 %
0 / 50 %	315 W	0.8 %	92.9 %
0 / 100 %	546 W	1.4 %	93.8 %
50 / 25 %	263 W	0.7 %	94.4 %
50 / 50 %	348 W	0.9 %	96.1 %
50 / 100 %	623 W	1.5 %	96.5 %
90 / 50 %	397 W	1.0 %	97.5 %
90 / 100 %	734 W	1.8 %	97.7 %

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	8681dddd-c560-4b6e-9399-bb3de753aac5 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

