

PRODUCT-DETAILS

ACS310-03U-41A8-4

ACS310-03U-41A8-4, 480 VAC, Pn 25HP , I2n 41.8A, IP20



General Information

Global Commercial Alias	ACS310-03U-41A8-4
Product ID	3AUA0000049494
ABB Type Designation	ACS310-03U-41A8-4
EAN	6438177223092
Catalog Description	ACS310-03U-41A8-4, 480 VAC, Pn 25HP , I2n 41.8A, 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-41A8-4, 480 VAC, Pn 25HP , I2n 41.8A, 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 Height	9.61 in
Product Net Length	6.65 in
Product Net Width	10.24 in

Technical

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)	41.8 A
Output Power, Normal Use (P_n)	25 Hp
Apparent Power Output	35 kV·A
Efficiency Level	IE2
Standby Loss	14 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	236 W	0.7 %	88.6 %
0 / 50 %	299 W	0.9 %	92.2 %
0 / 100 %	513 W	1.5 %	93.2 %
50 / 25 %	251 W	0.7 %	93.8 %
50 / 50 %	328 W	0.9 %	95.8 %
50 / 100 %	579 W	1.7 %	96.2 %
90 / 50 %	368 W	1.1 %	97.3 %
90 / 100 %	664 W	1.9 %	97.6 %

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)
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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

