



PRODUCT-DETAILS

ACS310-03U-05A2-2

LV AC drive module for pumps and fans, IEC:
Pn 1 Hp, 5.2 A (ACS310-03U-05A2-2)



General Information	
Global Commercial Alias	ACS310-03U-05A2-2
Product ID	3AUA0000049470
ABB Type Designation	ACS310-03U-05A2-2
EAN	6438177222880
Catalog Description	LV AC drive module for pumps and fans, IEC: Pn 1 Hp, 5.2 A (ACS310-03U-05A2-2)
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-05A2-2, 200 VAC, Pn 1HP , I2n 5.2A, 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	3.1 lb
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})	200 ... 240 V
Mounting Type	Wall-mounting
Output Current, Normal Use (I _n)	5.2 A
Output Power, Normal Use (P _n)	1 Hp
Apparent Power Output	2.1 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 %	32 W	1.5 %	77.4 %
0 / 50 %	36 W	1.8 %	85.4 %
0 / 100 %	47 W	2.3 %	89.3 %
50 / 25 %	33 W	1.6 %	87.3 %
50 / 50 %	39 W	1.9 %	91.9 %
50 / 100 %	52 W	2.5 %	94.0 %
90 / 50 %	42 W	2.0 %	94.9 %
90 / 100 %	59 W	2.8 %	96.2 %

Temperature Rating	Maximum 40 °C
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Classifications	
eClass	ETIM 7
UNSPSC	39122001

Environmental	
SCIP	f1e04c62-cc4b-446d-ad73-3ee1ba33dd03 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Additional Information	
Product Name	AC Drive

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

