



PRODUCT-DETAILS

ACS310-03U-06A2-4

LV AC drive module for pumps and fans, IEC: Pn 3 Hp, 6.2 A (ACS310-03U-06A2-4)



General Information	
Global Commercial Alias	ACS310-03U-06A2-4
Product ID	3AUA0000049485
ABB Type Designation	ACS310-03U-06A2-4
EAN	6438177223023
Catalog Description	LV AC drive module for pumps and fans, IEC: Pn 3 Hp, 6.2 A (ACS310-03U-06A2-4)
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 <u>pressure, flow or other external data.</u>

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044084
Invoice Description	ACS310-03U-06A2-4, 480 VAC, Pn 3HP , I2n 6.2A, 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})	380 ... 480 V
Mounting Type	Wall-mounting
Output Current, Normal Use (I _n)	6.2 A
Output Power, Normal Use (P _n)	3 Hp
Apparent Power Output	5.2 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 %	49 W	1.0 %	84.7 %
0 / 50 %	57 W	1.1 %	90.2 %
0 / 100 %	78 W	1.5 %	92.6 %
50 / 25 %	51 W	1.0 %	91.7 %
50 / 50 %	61 W	1.2 %	94.7 %
50 / 100 %	85 W	1.7 %	96.0 %
90 / 50 %	66 W	1.3 %	96.8 %
90 / 100 %	95 W	1.8 %	97.5 %

Temperature Rating Maximum 40 °C

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)

Additional Information

Product Name	AC Drive
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Categories

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

