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 PRODUCT-DETAILS

## ACS310-03U-02A6-4

LV AC drive module for pumps and fans, IEC:  
Pn 1 Hp, 2.6 A (ACS310-03U-02A6-4)




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**General Information**

Global Commercial Alias	ACS310-03U-02A6-4
Product ID	3AUA0000049482
ABB Type Designation	ACS310-03U-02A6-4
EAN	643817722996
Catalog Description	LV AC drive module for pumps and fans, IEC: Pn 1 Hp, 2.6 A (ACS310-03U-02A6-4)
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 pressure, flow or other external data.

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**Ordering**

Customs Tariff Number	85044084
HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES; Electrical transformers, static converters (for example, rectifiers) and inductors; Static converters
Invoice Description	ACS310-03U-02A6-4, 480 VAC, Pn 1HP, I2n 2.6A, 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-phase
Degree of Protection	IP20
Frequency (f)	50/60 Hz
Frame Size	R1
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Mounting Type	Wall-mounting
Output Current, Normal Use (I <sub>n</sub> )	2.6 A
Output Power, Normal Use (P <sub>n</sub> )	1 Hp
Apparent Power Output	2.2 kV·A
Efficiency Level	IE2
Standby Loss	8 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	26 W	1.2 %	81.4 %
0 / 50 %	28 W	1.3 %	88.6 %
0 / 100 %	34 W	1.6 %	92.4 %
50 / 25 %	27 W	1.2 %	89.9 %
50 / 50 %	30 W	1.4 %	94.0 %
50 / 100 %	36 W	1.7 %	95.9 %
90 / 50 %	31 W	1.4 %	96.4 %
90 / 100 %	39 W	1.8 %	97.5 %

Temperature Rating	Maximum 40 °C
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## Environmental

SCIP	fe629aef-0cd8-4aa5-bc1a-660329359953 Finland
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

## External Classifications and Standards

eClass

ETIM 7

UNSPSC

39122001

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## Categories

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

