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PRODUCT-DETAILS

# ACS310-03E-34A1-4

## ACS310-03E-34A1-4 Pn 15, I2n 34,1A IP20




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### General Information

Global Commercial Alias	ACS310-03E-34A1-4
Product ID	3AUA0000039636
ABB Type Designation	ACS310-03E-34A1-4
EAN	6410038785826
Catalog Description	ACS310-03E-34A1-4 Pn 15, I2n 34,1A IP20
Long Description	The ACS310 drives are designed for squared 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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### Complete Drive Module Efficiency (61800-9-2)

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Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	169 W	0.7 %	88.1 %
0 / 50 %	213 W	0.9 %	91.9 %
0 / 100 %	361 W	1.5 %	93.0 %
50 / 25 %	180 W	0.8 %	93.5 %
50 / 50 %	235 W	1.0 %	95.5 %
50 / 100 %	409 W	1.7 %	96.1 %
90 / 50 %	265 W	1.1 %	97.2 %
90 / 100 %	475 W	2.0 %	97.4 %

## Ordering

Customs Tariff Number	85044088
EAN	6410038785826
Quote Only	No
Made To Order	No
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

## Dimensions

Product Net Height	243 mm
Product Net Length	423 mm
Product Net Weight	5.4 kg
Product Net Width	260 mm

## Technical

Enclosure Class	IP20
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	380 ... 480 V
Mounting Type	Module for cabinet building
Number of Phases	3
Communication Protocol	MODBUS

## Additional Information

Product Main Type	ACS310
Product Name	Frequency converter

## Classifications

Product Series	ACS310
ETIM 7	EC001857 - Frequency converter =< 1 kV

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## Categories

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

