
PRODUCT-DETAILS

ACS310-03E-41A8-4

ACS310-03E-41A8-4 Pn 18,5, I2n 41,8A IP20



General Information

Global Commercial Alias	ACS310-03E-41A8-4
Product ID	3AUA0000039637
ABB Type Designation	ACS310-03E-41A8-4
EAN	6410038785833
Catalog Description	ACS310-03E-41A8-4 Pn 18,5, I2n 41,8A 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.

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	219 W	0.8 %	87.5 %
0 / 50 %	279 W	1.0 %	91.4 %
0 / 100 %	486 W	1.7 %	92.4 %
50 / 25 %	233 W	0.8 %	93.2 %
50 / 50 %	308 W	1.1 %	95.2 %
50 / 100 %	551 W	1.9 %	95.7 %
90 / 50 %	349 W	1.2 %	97.0 %
90 / 100 %	640 W	2.2 %	97.2 %

Ordering

Customs Tariff Number	85044088
EAN	6410038785833
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

Categories

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

