
PRODUCT-DETAILS

ACS310-03E-48A4-4

ACS310-03E-48A4-4Pn 22, I2n 48,4A IP20



General Information

Global Commercial Alias	ACS310-03E-48A4-4
Product ID	3AUA0000039638
ABB Type Designation	ACS310-03E-48A4-4
EAN	6410038785840
Catalog Description	ACS310-03E-48A4-4Pn 22, I2n 48,4A 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 %	229 W	0.7 %	88.6 %
0 / 50 %	296 W	0.9 %	92.1 %
0 / 100 %	520 W	1.5 %	92.9 %
50 / 25 %	246 W	0.7 %	93.8 %
50 / 50 %	329 W	1.0 %	95.6 %
50 / 100 %	597 W	1.8 %	96.0 %
90 / 50 %	378 W	1.1 %	97.1 %
90 / 100 %	710 W	2.1 %	97.3 %

Ordering

Customs Tariff Number	85044088
EAN	6410038785840
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

