
PRODUCT-DETAILS

ACS310-03E-50A8-2

ACS310-03E-50A8-2 Pn 11, I2n 50,8A IP20



General Information

Global Commercial Alias	ACS310-03E-50A8-2
Product ID	3AUA0000039624
ABB Type Designation	ACS310-03E-50A8-2
EAN	6410038785703
Catalog Description	ACS310-03E-50A8-2 Pn 11, I2n 50,8A 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 %	209 W	1.0 %	83.7 %
0 / 50 %	277 W	1.4 %	88.2 %
0 / 100 %	504 W	2.5 %	89.1 %
50 / 25 %	225 W	1.1 %	90.8 %
50 / 50 %	312 W	1.5 %	93.2 %
50 / 100 %	588 W	2.9 %	93.6 %
90 / 50 %	368 W	1.8 %	95.5 %
90 / 100 %	726 W	3.6 %	95.5 %

Ordering

Customs Tariff Number	85044088
EAN	6410038785703
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})	200 ... 240 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

