

PRODUCT-DETAILS

ACS355-03E-31A0-4

ACS355-03E-31A0-4 Pn 15kW,12n 31A IP20.



General Information

Global Commercial Alias	ACS355-03E-31A0-4
Product ID	3AUA0000058193
ABB Type Designation	ACS355-03E-31A0-4
EAN	6438177223689
Catalog Description	ACS355-03E-31A0-4 Pn 15kW,12n 31A IP20.

Long Description

The ACS355 drives are designed to meet the requirements of an extensive range of machinery applications in food and beverage, material handling, lifting, textile, printing, rubber and plastics, and woodworking applications.

The drive is user-friendly, yet it provides a wide range of built-in technology such as the safe torque off functionality and sequence programming, reducing the need for additional control electronics. The product offers options and diverse functionality to cater to the needs set for speed and torque control of AC induction and permanent magnet motors.

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	148 W	0.7 %	88.5 %
0 / 50 %	187 W	0.9 %	92.1 %
0 / 100 %	315 W	1.5 %	93.3 %
50 / 25 %	160 W	0.7 %	93.7 %
50 / 50 %	210 W	1.0 %	95.6 %
50 / 100 %	366 W	1.7 %	96.1 %
90 / 50 %	237 W	1.1 %	97.2 %
90 / 100 %	435 W	2.0 %	97.4 %

Ordering

Customs Tariff Number	85044088
EAN	6438177223689
Replaced Product ID (OLD)	68896215
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	244 mm
Product Net Length	260 mm
Product Net Weight	5.4 kg
Product Net Width	169 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 LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

Additional Information

Product Main Type	ACS355
Product Name	Frequency converter

Classifications

Product Series	ACS355
ETIM 7	EC001857 - Frequency converter =< 1 kV

Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000157197	ACS355-03E-31A0-4 Solar Pump Drive; ACS355-03E-31A0-4 Pn 11kW,12n 31A IP20 Solar Pump Drive	Kit

Categories

Drives → Low Voltage AC Drives → Machinery Drives → ACS355 - Machinery Drive

