

PRODUCT-DETAILS

ACS355-03E-44A0-4

ACS355-03E-44A0-4 Pn 22kW,12n 44A IP20.



General Information

Global Commercial Alias	ACS355-03E-44A0-4
Product ID	3AUA0000058195
ABB Type Designation	ACS355-03E-44A0-4
EAN	6438177223702
Catalog Description	ACS355-03E-44A0-4 Pn 22kW,12n 44A 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.

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044088
Invoice Description	ACS355-03E-44A0-4 Pn 22kW,12n 44A IP20.
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	5.4 kg
Product Net Depth / Length	260 mm
Product Net Height	244 mm
Product Net Width	169 mm
Package Level 1 Depth / Length	423 mm
Package Level 1 Height	260 mm
Package Level 1 Width	243 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 1
Includes	Without control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	1
Number of Digital In/Outputs	5/1
Output Current, Normal Use (I_n)	44 A
Output Power, Light-Overload Use (P_{LD})	22 kW
Output Power, Normal Use (P_n)	22 kW
Apparent Power Output	30 kV·A
Efficiency Level	IE2
Standby Loss	12 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	205 W	0.7 %	88.7 %
0 / 50 %	269 W	0.9 %	92.1 %
0 / 100 %	479 W	1.6 %	92.8 %
50 / 25 %	224 W	0.7 %	93.8 %
50 / 50 %	304 W	1.0 %	95.5 %
50 / 100 %	560 W	1.8 %	95.9 %
90 / 50 %	347 W	1.1 %	97.1 %
90 / 100 %	683 W	2.2 %	97.2 %

Temperature Rating

Maximum 40 °C

Additional Information

Product Main Type

ACS355

Product Name

Frequency converter

Classifications

Product Series

ACS355

ETIM 7

EC001857 - Frequency converter =< 1 kV

UNSPSC

39122001

Environmental

SCIP

d35ff55e-e9ce-44c8-88b4-07511d5178ea Finland (FI)

Simplified SCIP

ceac33e8-d642-4695-bf6f-5c6fa153dc28 Belgium (BE)
 328622d9-f6dc-4aff-aa8b-9569b4b166aa Netherlands (NL)
 82ecd6dd-1f1a-4e37-bdd1-52b4d8874f90 Denmark (DK)
 5e035ab0-940d-4db0-b98c-a81adcb28d42 Spain (ES)
 9a052653-ae9e-4b6f-81cf-65e6121eac64 Portugal (PT)
 2f2c5d76-6cd5-40e8-a577-50b35b2023fc Estonia (EE)

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000157199	ACS355-03E-44A0-4 Solar Pump Drive; ACS355-03E-44A0-4 Pn 18,5kW, 12n 44A IP20 Solar Pump Drive	Kit

Categories

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

