

PRODUCT-DETAILS

ACS355-03E-12A5-4

ACS355-03E-12A5-4 Pn 5,5kW, I2n 12,5A IP20



General Information

Global Commercial Alias	ACS355-03E-12A5-4
Product ID	3AUA0000058190
ABB Type Designation	ACS355-03E-12A5-4
EAN	6438177223658
Catalog Description	ACS355-03E-12A5-4 Pn 5,5kW, I2n 12,5A IP20
Long Description	<p>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.</p> <p>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.</p>

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044084
Invoice Description	ACS355-03E-12A5-4 Pn 5,5kW, I2n 12,5A 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	3.2 kg
Product Net Height	236 mm
Product Net Length	169 mm
Product Net Width	169 mm
Package Level 1 Depth / Length	344 mm
Package Level 1 Height	226 mm
Package Level 1 Width	217 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	With 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	12.5 A
Output Power, Light-Overload Use	5.5 kW
Output Power, Normal Use	5.5 kW
Apparent Power Output	8.7 kV-A
Efficiency Level	IE2
Standby Loss	9 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	62 W	0.7 %	88.0 %
0 / 50 %	78 W	0.9 %	91.9 %
0 / 100 %	126 W	1.5 %	93.3 %
50 / 25 %	68 W	0.8 %	93.4 %
50 / 50 %	87 W	1.0 %	95.5 %
50 / 100 %	149 W	1.7 %	96.1 %
90 / 50 %	100 W	1.2 %	97.1 %
90 / 100 %	181 W	2.1 %	97.3 %

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

43820909-4262-4B16-BB51-6A918585E7CA Finland (FI)

WEEE Category

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

Where Used (as part of "kit")

Identifier	Description	Type
3AUA0000157194	ACS355-03E-12A5-4 Solar Pump Drive; ACS355-03E-12A5-4 Pn 4kW, I2n 12,5A IP20 Solar Pump Drive	Kit

Categories

Drives → Low voltage AC drives → Machinery drives → ACS355 - Machinery Drive



