PRODUCT-DETAILS

ACS355-03E-01A9-4

LV AC machinery drive module, IEC: Pn 0.55 kW, 1.9 A (ACS355-03E-01A9-4)



General Information

Global Commercial Alias	ACS355-03E-01A9-4
Product ID	3ABD0000058243
ABB Type Designation	ACS355-03E-01A9-4
Catalog Description	LV AC machinery drive module, IEC: Pn 0.55 kW, 1.9 A (ACS355-03E-01A9-4)
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 are user-friendly, yet provide 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

Customs Tariff Number	85044099
HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters

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Invoice Description	ACS355-03E-01A9-4 PN:0.55KW 1.9A
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	0 kg
Product Net Depth / Length	161 mm
Product Net Height	169 mm
Product Net Width	70 mm
Package Level 1 Depth / Length	350 mm
Package Level 1 Height	130 mm
Package Level 1 Width	220 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3-phase
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R0
Input Voltage (U_{in})	380 … 480 V
Mounting Type	Module_NO UNIT$
Output Current, Normal Use (I_n)	1.9 A
Output Power, Normal Use (P_n)	0.55 kW
Efficiency Level	IE2

Complete Drive Module Efficiency (IEC61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	16 W	1.2 %	81.2 %
0 / 50 %	18 W	1.3 %	88.4 %
0 / 100 %	21 W	1.6 %	92.2 %
50 / 25 %	17 W	1.3 %	89.7 %
50 / 50 %	19 W	1.4 %	93.8 %
50 / 100 %	23 W	1.8 %	95.8 %
90 / 50 %	20 W	1.5 %	96.2 %
90 / 100 %	25 W	1.9 %	97.3 %

Environmental

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

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External Classifications and Standards

UNSPSC	39122001

Categories

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



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