



 PRODUCT-DETAILS

ACS355-03E-12A5-4

LV AC machinery drive module, IEC: Pn 5.5 kW,
12.5 A (ACS355-03E-12A5-4)



General Information

Global Commercial Alias	ACS355-03E-12A5-4
Product ID	3ABD0000058250
ABB Type Designation	ACS355-03E-12A5-4
Catalog Description	LV AC machinery drive module, IEC: Pn 5.5 kW, 12.5 A (ACS355-03E-12A5-4)
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

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS355-03E-12A5-4 PN:5.5KW 12.5A
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	169 mm
Product Net Height	169 mm
Product Net Width	169 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Height	220 mm
Package Level 1 Width	205 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R3
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Module_NO UNIT\$
Output Current, Normal Use (I _n)	12.5 A
Output Power, Normal Use (P _n)	5.5 kW
Efficiency Level	IE2
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 %

Classifications

UNSPSC	39122001
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Environmental

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

Product Name

FREQUENCY CONVERTER

Categories

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

