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 PRODUCT-DETAILS

## ACS355-03U-12A5-4

### LV AC Machinery Drive Module, 480 V (ACS355-03U-12A5-4)




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**General Information**

Global Commercial Alias	ACS355-03U-12A5-4
Product ID	3AUA0000058220
ABB Type Designation	ACS355-03U-12A5-4
EAN	6438177223955
Catalog Description	LV AC Machinery Drive Module, 480 V (ACS355-03U-12A5-4)

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. 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>
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**Ordering**

Customs Tariff Number	85044080
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

Invoice Description	ACS355-03U-12A5-4, 240VAC, Pn 12.5HP, I2LD 7.5 A, 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	5.5 lb
Product Net Depth / Length	6.65 in
Product Net Height	9.29 in
Product Net Width	6.65 in

**Technical**

Number of Phases	3-phase
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Frame Size	R3
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Mounting Type	Wall-mounting
Apparent Power Output	13 kV·A
Efficiency Level	IE2
Standby Loss	10 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	84 W	0.6 %	89.1 %
0 / 50 %	105 W	0.8 %	92.7 %
0 / 100 %	175 W	1.3 %	93.8 %
50 / 25 %	91 W	0.7 %	94.0 %
50 / 50 %	118 W	0.9 %	95.9 %
50 / 100 %	204 W	1.6 %	96.4 %
90 / 50 %	132 W	1.0 %	97.4 %
90 / 100 %	243 W	1.9 %	97.6 %

Temperature Rating	Maximum 40 °C
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**Technical UL**

Output Current, Heavy-Duty Use (UL)	12.5 A
Output Power, Heavy-Duty Use (UL)	7.5 Hp

**External Classifications and Standards**

UNSPSC

39122001

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### Environmental

SCIP

43820909-4262-4b16-bb51-6a918585e7ca Finland

WEEE Category

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

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### Categories

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

