

PRODUCT-DETAILS

ACS355-03U-38A0-4

ACS355-03U-44A0-4, 480VAC, Pn 25HP, I2LD 44A, IP20



General Information

Global Commercial Alias	ACS355-03U-38A0-4
Product ID	3AUA0000058224
ABB Type Designation	ACS355-03U-38A0-4
EAN	6438177223993
Catalog Description	ACS355-03U-44A0-4, 480VAC, Pn 25HP, I2LD 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)
Customs Tariff Number	85044080
Invoice Description	ACS355-03U-44A0-4, 480VAC, Pn 25HP, I2LD 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	9.9 lb
Product Net Depth / Length	6.65 in
Product Net Height	7.1 in
Product Net Width	10.24 in

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	48 ... 63 Hz
Frame Size	R4
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounting
Apparent Power Output	37 kV·A
Efficiency Level	IE2
Standby Loss	15 W

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	220 W	0.6 %	89.8 %
0 / 50 %	285 W	0.8 %	92.9 %
0 / 100 %	501 W	1.4 %	93.7 %
50 / 25 %	239 W	0.7 %	94.4 %
50 / 50 %	321 W	0.9 %	96.0 %
50 / 100 %	582 W	1.6 %	96.4 %
90 / 50 %	362 W	1.0 %	97.5 %
90 / 100 %	702 W	1.9 %	97.6 %

Temperature Rating	Maximum 40 °C
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Additional Information

Product Name	AC Drive
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Classifications

UNSPSC	39122001
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Environmental

SCIP	d35ff55e-e9ce-44c8-88b4-07511d5178ea Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

