

PRODUCT-DETAILS

ACS320-03U-12A5-4

ACS320-03U-12A5-4, 480VAC, Pn 7.5HP, I2LD 12.5 A, N0/IP20



General Information

Global Commercial Alias	ACS320-03U-12A5-4
Product ID	3AUA0000039663
ABB Type Designation	ACS320-03U-12A5-4
EAN	6438177222750
Catalog Description	ACS320-03U-12A5-4, 480VAC, Pn 7.5HP, I2LD 12.5 A, N0/IP20
Long Description	The compact ACS320 will save energy throughout your pump and fan HVAC applications. From booster pumps, exhaust and condenser fans to supply and return fans, the drive's built-in HVAC features such as embedded BACnet (MS/TP) ensure easy and complete integration into building management systems.

Ordering

Country of Origin	United States (US) China (CN)
Customs Tariff Number	85044084
Invoice Description	ACS320-03U-12A5-4, 480VAC, Pn 7.5HP, I2LD 12.5 A, N0/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
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Frame Size	R3
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Wall-mounting
Apparent Power Output	10 kV·A
Efficiency Level	IE2
Standby Loss	11 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	67 W	0.6 %	89.1 %
0 / 50 %	82 W	0.8 %	92.9 %
0 / 100 %	129 W	1.2 %	94.3 %
50 / 25 %	71 W	0.7 %	94.2 %
50 / 50 %	89 W	0.9 %	96.1 %
50 / 100 %	146 W	1.4 %	96.8 %
90 / 50 %	100 W	1.0 %	97.6 %
90 / 100 %	166 W	1.6 %	97.9 %

Temperature Rating	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	e6d5d8a1-6fda-4f06-be32-c8f10666cd62 Finland (FI)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACS320 - HVAC OEM pump and fan microdrive

