

## PRODUCT-DETAILS

# ACS580-01-04A8-4

## ACS580-01-04A8-4, 480VAC, Pn 3 HP, I2LD 4.8 A, N1/IP21



### General Information

Global Commercial Alias	ACS580-01-04A8-4
Product ID	3AUA0000204807
ABB Type Designation	ACS580-01-04A8-4
EAN	6438177450665
Catalog Description	ACS580-01-04A8-4, 480VAC, Pn 3 HP, I2LD 4.8 A, N1/IP21

Long Description	<p>The ACS580-01 is plug-in ready to control your compressors, conveyors, pumps, extruders, centrifuges, mixers, fans and many other variable and constant torque applications, in a variety of light industries, including food and beverage, plastic, textile, material handling, and agriculture. All essential features are built-in as standard, simplifying drive selection, and making additional hardware unnecessary. Versatile and straightforward settings menu and assistants enable fast setup, commissioning, use and maintenance, while rugged and robust design makes it a good fit for various environments. With the ACS580 drives you can easily take full control of your processes to comprehensively manage your plant. The wall-mounted ACS580-01 comes in IP21 enclosure as standard. Also, IP55 and flange mounting units are available.</p>
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### Ordering

Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	ACS580-01-04A8-4, 480VAC, Pn 3 HP, I2LD 4.8 A, N1/IP21
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	4.99 kg
Product Net Height	14.69 in
Product Net Length	8.78 in
Product Net Width	4.82 in
Package Level 1 Units	1 carton

## Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Input Voltage ( $U_{in}$ )	380...480 V
Mounting Type	Wall-mounting
Output Current, Normal Use	4.8 A
Output Power, Light-Overload Use	3 Hp
Output Power, Normal Use	3 Hp
Apparent Power Output	4.0 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 %	37 W	0.9 %	85.0 %
0 / 50 %	42 W	1.0 %	90.8 %
0 / 100 %	53 W	1.3 %	93.4 %
50 / 25 %	39 W	1.0 %	91.9 %
50 / 50 %	45 W	1.1 %	95.0 %
50 / 100 %	59 W	1.5 %	96.4 %
90 / 50 %	49 W	1.2 %	96.9 %
90 / 100 %	71 W	1.8 %	97.6 %

Temperature Rating	Maximum 40 °C
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## Additional Information

Product Name	AC Drive
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## Classifications

UNSPSC39122001

Environmental

WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-01 - Wall-mounted drive

