



 PRODUCT-DETAILS

ACS580-01-02A7-4

LV AC general purpose wall-mounted drive, IEC: Pn 0.75 kW, 2.6 A (ACS580-01-02A7-4)



General Information

Global Commercial Alias	ACS580-01-02A7-4
Product ID	3ABD50000038937
ABB Type Designation	ACS580-01-02A7-4
Catalog Description	LV AC general purpose wall-mounted drive, IEC: Pn 0.75 kW, 2.6 A (ACS580-01-02A7-4)

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. A versatile and straightforward settings menu and assistants enable fast setup, commissioning, use, and maintenance, while a rugged and robust design make 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 an IP21 enclosure as standard. In addition, IP55 and flange mounting units are available.</p>
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Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS580-01-02A7-4 PN: 0.75kW, IN: 2.6A
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	4.5 kg
Product Net Depth / Length	210 mm
Product Net Height	303 mm
Product Net Width	125 mm
Package Level 1 Depth / Length	320 mm
Package Level 1 Height	550 mm
Package Level 1 Width	220 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R1
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Wall-mounted_NO UNIT\$
Output Current, Heavy-Duty Use (I_{HD})	1.8 A
Output Current, Light-Overload Use (I_{LD})	2.5 A
Output Current, Normal Use (I_n)	2.6 A
Output Power, Heavy-Duty Use (P_{HD})	0.55 kW
Output Power, Light-Overload Use (P_{LD})	0.75 kW
Output Power, Normal Use (P_n)	0.75 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	29 W	1.6 %	76.5 %
0 / 50 %	31 W	1.7 %	85.5 %
0 / 100 %	36 W	2.0 %	90.5 %
50 / 25 %	30 W	1.7 %	86.9 %
50 / 50 %	33 W	1.8 %	92.2 %
50 / 100 %	39 W	2.2 %	94.8 %
90 / 50 %	35 W	1.9 %	95.2 %
90 / 100 %	44 W	2.4 %	96.7 %

Classifications

UNSPSC

39122001

Environmental

WEEE Category

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

Additional Information

Product Name

Frequency Converter

Categories

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

