



 PRODUCT-DETAILS

ACS580-01-442A-4

LV AC general purpose wall-mounted drive,
IEC: Pn 250 kW, 442 A (ACS580-01-442A-4)



General Information

Global Commercial Alias:	ACS580-01-442A-4
Product ID:	3AXD50000211302
ABB Type Designation:	ACS580-01-442A-4
Catalog Description:	LV AC general purpose wall-mounted drive, IEC: Pn 250 kW, 442 A (ACS580-01-442A-4)
Long Description:	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.
Display Name:	ACS580-01-442A-4

Ordering

Customs Tariff Number:	850440
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Invoice Description:	ACS580-01-442A-4 PN: 250 kW, IN: 442 A
Made To Order:	Yes
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece
Quote Only:	No
Selling Unit of Measure:	piece

Dimensions

Product Net Weight:	97 kg
Product Net Depth / Length:	418 mm
Product Net Height:	955 mm
Product Net Width:	380 mm
Package Level 1 Depth / Length:	0 mm
Package Level 1 Height:	0 mm
Package Level 1 Width:	0 mm
Package Level 1 Units:	1 case

Technical

Number of Phases:	3-phase
Degree of Protection:	IP21
Enclosure Type NEMA:	Type1
Multiple Battery Information:	Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g
Frequency (f):	47 ... 63 Hz
Frame Size:	R9
Input Voltage (U_{in}):	380 ... 480 V
Mounting Type:	Wall-mounted
Output Current, Normal Use (I_n):	442 A
Output Current, Light-Overload Use (I_{LD}):	420 A
Output Current, Heavy-Duty Use (I_{HD}):	373 A
Output Power, Normal Use (P_n):	250 kW
Output Power, Light-Overload Use (P_{LD}):	200 kW
Output Power, Heavy-Duty Use (P_{HD}):	200 kW

Environmental

WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)
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External Classifications and Standards

UNSPSC: 39122001

Categories

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

