

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)

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.

Long Description

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.

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
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

Container Information

Gross Volume	151.692 dm³
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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

Technical

Number of Phases	3
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, Heavy-Duty Use (I _{HD})	373 A
Output Current, Light-Overload Use (I _{LD})	420 A
Output Current, Normal Use (I _n)	442 A
Output Power, Heavy-Duty Use (P _{HD})	200 kW
Output Power, Light-Overload Use (P _{LD})	200 kW
Output Power, Normal Use (P _n)	250 kW

Additional Information

Product Main Type	ACS580-01
Product Name	Frequency converter

Classifications

UNSPSC	39122001
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Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Categories

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

