



 PRODUCT-DETAILS

ACS880-01-065A-5

LV AC industrial wall-mounted single drive,
IEC: Pn 37 kW, 65 A (ACS880-01-065A-5)



General Information

Global Commercial Alias:	ACS880-01-065A-5
Product ID:	3ABD00037853-D
ABB Type Designation:	ACS880-01-065A-5
Catalog Description:	LV AC industrial wall-mounted single drive, IEC: Pn 37 kW, 65 A (ACS880-01-065A-5)
Long Description:	The ACS880-01 drives are customized to meet the particular needs of specific industries, such as oil and gas, mining, metals, chemicals, cement, power plants, material handling, pulp and paper, sawmills, marine, water and wastewater, food and beverage, and automotive. They can control a wide range of applications, including cranes, extruders, winches, winders, conveyors, mixers, compressors, centrifuges, test benches, elevators, extruders, pumps, and fans. The ACS880-01 comes in one compact package for easy installation and commissioning. The drive can be installed on the wall as standard and in a cabinet as an option. The drive offering includes enclosure classes up to IP55, making it suitable for most environments and installations. ACS880-01 drives have all the essential features built-in. These features include as standard a choke for harmonic filtering as well as options like a brake chopper, EMC filter and communication protocol adapter, functional safety, external output filters, and I/O extension modules.
Display Name:	ACS880-01-065A-5

Ordering

Customs Tariff Number:	85044087
HS Code:	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Invoice Description:	ACS880-01-065A-5 PN:37kW, IN:65A
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:	23 kg
Product Net Depth / Length:	274 mm
Product Net Height:	730 mm
Product Net Width:	203 mm
Package Level 1 Depth / Length:	830 mm
Package Level 1 Height:	510 mm
Package Level 1 Width:	280 mm
Package Level 1 Units:	1 carton

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	215 W	0.4 %	93.3 %
0 / 50 %	288 W	0.5 %	95.2 %
0 / 100 %	471 W	0.8 %	96.1 %
50 / 25 %	232 W	0.4 %	96.4 %
50 / 50 %	322 W	0.6 %	97.4 %
50 / 100 %	556 W	1.0 %	97.7 %
90 / 50 %	378 W	0.7 %	98.3 %
90 / 100 %	715 W	1.3 %	98.4 %

Number of Phases:	3-phase
Degree of Protection:	IP21
Enclosure Type NEMA:	Type1
Frequency (f):	47.5 ... 63 Hz
Frame Size:	R5
Input Voltage (U_{in}):	380 ... 500 V
Mounting Type:	Wall-mounted_NO UNIT\$

Output Current, Normal Use (I_n):	65 A
Output Current, Light-Overload Use (I_{LD}):	62 A
Output Current, Heavy-Duty Use (I_{HD}):	52 A
Output Power, Normal Use (P_n):	37 kW
Output Power, Light-Overload Use (P_{LD}):	37 kW
Output Power, Heavy-Duty Use (P_{HD}):	30 kW
Efficiency Level:	IE2

Environmental

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

UNSPSC:	39122001
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Categories

Products > Drives > Low Voltage AC Drives > Industrial Drives > ACS880 Single Drives > ACS880-01 - Wall-mounted single drive

