

PRODUCT-DETAILS

# ACS580-01-145A-4

ACS580-01-145A-4 PN: 75 kW, IN: 145 A




---

## General Information

Global Commercial Alias	ACS580-01-145A-4
Product ID	3AUA0000080504
ABB Type Designation	ACS580-01-145A-4
EAN	6438177305606
Catalog Description	ACS580-01-145A-4 PN: 75 kW, IN: 145 A

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.

---

## Complete Drive Module Efficiency (61800-9-2)

---

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	505 W	0.5 %	91.5 %
0 / 50 %	692 W	0.7 %	93.8 %
0 / 100 %	1238 W	1.2 %	94.4 %
50 / 25 %	557 W	0.6 %	95.3 %
50 / 50 %	791 W	0.8 %	96.5 %
50 / 100 %	1470 W	1.5 %	96.7 %
90 / 50 %	946 W	0.9 %	97.7 %
90 / 100 %	1960 W	2.0 %	97.5 %

## Ordering

Customs Tariff Number	85044084
EAN	6438177305606
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

## Dimensions

Product Net Height	727 mm
Product Net Length	369 mm
Product Net Weight	42.4 kg
Product Net Width	252 mm

## Technical

Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Mounting Type	Wall-mounted
Number of Phases	3
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems

## Additional Information

Product Main Type	ACS580-01
Product Name	Frequency converter

## Classifications

ETIM 7	EC001857 - Frequency converter =< 1 kV
--------	--

---

## Categories

---

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

