

PRODUCT-DETAILS

# ACS580-01-018A-4

ACS580-01-018A-4 PN: 7.5 kW, IN: 17.0 A




---

## General Information

Global Commercial Alias	ACS580-01-018A-4
Product ID	3AXD50000038959
ABB Type Designation	ACS580-01-018A-4
EAN	6438177459248
Catalog Description	ACS580-01-018A-4 PN: 7.5 kW, IN: 17.0 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 %	90 W	0.8 %	87.4 %
0 / 50 %	112 W	1.0 %	91.5 %
0 / 100 %	188 W	1.6 %	92.8 %
50 / 25 %	95 W	0.8 %	93.2 %
50 / 50 %	122 W	1.0 %	95.4 %
50 / 100 %	209 W	1.8 %	96.0 %
90 / 50 %	133 W	1.1 %	97.1 %
90 / 100 %	238 W	2.0 %	97.4 %

## Ordering

Customs Tariff Number	85044084
EAN	6438177459248
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	473 mm
Product Net Length	228.5 mm
Product Net Weight	6.6 kg
Product Net Width	125 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

