

PRODUCT-DETAILS

ACS580-04-505A-4

ACS580-04-505A-4 PN: 250 kW, IN: 505 A



Submitted by TECO Group

General Information

Global Commercial Alias	ACS580-04-505A-4
Product ID	3AUA0000170509
ABB Type Designation	ACS580-04-505A-4
EAN	6438177340423
Catalog Description	ACS580-04-505A-4 PN: 250 kW, IN: 505 A

The ACS580-04 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 ACS580-04 drive module comes in IP00 enclosure as standard for cabinet installation. Also, IP20 enclosure is available.

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044088
Invoice Description	ACS580-04-505A-4 PN: 250 kW, IN: 505 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	270.689 dm ³
--------------	-------------------------

Dimensions

Product Net Weight	162 kg
Product Net Depth / Length	529 mm
Product Net Height	1462 mm
Product Net Length	529 mm
Product Net Width	350 mm
Package Level 1 Depth / Length	2060 mm
Package Level 1 Height	500 mm
Package Level 1 Width	670 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP00
Enclosure Type NEMA	Open Type
Altitude	1000 m
Sound dB (A)	72 dB(A)
Frequency (f)	50/60 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Module for cabinet building
Output Current, Heavy-Duty Use	361 A
Output Current, Light-Overload Use	485 A
Output Current, Normal Use	505 A
Output Power, Heavy-Duty Use	200 kW
Output Power, Light-Overload Use	250 kW
Output Power, Normal Use	250 kW
Apparent Power Output	350 kV·A
Efficiency Level	IE2
Standby Loss	396 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1735 W	0.5 %	91.5 %
0 / 50 %	2483 W	0.7 %	93.7 %
0 / 100 %	4506 W	1.3 %	94.2 %
50 / 25 %	1870 W	0.5 %	95.4 %
50 / 50 %	2758 W	0.8 %	96.5 %
50 / 100 %	5239 W	1.5 %	96.7 %
90 / 50 %	3178 W	0.9 %	97.7 %
90 / 100 %	6454 W	1.8 %	97.7 %

Temperature Rating

Maximum 40 °C

Additional Information

Product Main Type

ACS580-04

Product Name

Frequency converter

Classifications

UNSPSC

39122001

Environmental

SCIP

58f22844-2faf-42d0-845e-c7388e32f3e4 Finland (FI)

WEEE Category

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

Categories

Drives → Low Voltage AC Drives → General Purpose Drives → ACS580-04 - Drive module



Submitted by TECO Group