

PRODUCT-DETAILS

ACS580-01-046A-4

ACS580-01-046A-4 PN: 22 kW, IN: 45 A



General Information

Global Commercial Alias	ACS580-01-046A-4
Product ID	3AXD50000038963
ABB Type Designation	ACS580-01-046A-4
EAN	6438177459286
Catalog Description	ACS580-01-046A-4 PN: 22 kW, IN: 45 A

Ordering

Country of Origin	Finland (FI) China (CN)
Customs Tariff Number	85044084
EAN	6438177459286
Invoice Description	ACS580-01-046A-4 PN: 22 kW, IN: 45 A
Made To Order	Yes
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Height	490 mm
Product Net Length	229 mm
Product Net Weight	11.8 kg
Product Net Width	203 mm

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Input Voltage (U_{in})	380 ... 480 V
Communication Protocol	MODBUS DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1 Parallel 2 Other 2
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	6/3
Output Current, Normal Use	45 A
Output Power, Light-Overload Use	22 kW
Output Power, Normal Use	22 kW
Apparent Power Output	31 kV·A
Efficiency Level	IE2
Standby Loss	16 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	194 W	0.6 %	89.5 %
0 / 50 %	254 W	0.8 %	92.6 %
0 / 100 %	454 W	1.5 %	93.3 %
50 / 25 %	210 W	0.7 %	94.2 %
50 / 50 %	285 W	0.9 %	95.9 %
50 / 100 %	529 W	1.7 %	96.2 %
90 / 50 %	322 W	1.0 %	97.4 %
90 / 100 %	667 W	2.1 %	97.3 %

Temperature RatingMaximum 40 °C

Additional Information

Product Main TypeACS580-01
Product NameFrequency converter

Classifications

ETIM 7EC001857 - Frequency converter =< 1 kV
UNSPSC39122001

Environmental

SCIP8e1cd225-4cd2-4db1-8a7b-419a51ce1ae3
WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low voltage AC drives → General purpose drives → ACS580-01 - Wall-mounted drive



