PRODUCT-DETAILS

ACS550-01-045A-4

ACS550-01-045A-4,45A,380V,IP21



General Information

Global Commercial Alias:	ACS550-01-045A-4
Product ID:	3AUA0000012789-D
ABB Type Designation:	ACS550-01-045A-4
Catalog Description:	ACS550-01-045A-4,45A,380V,IP21
Long Description:	ACS550-01-045A-4,45A,380V,IP21
Display Name:	ACS550-01-045A-4

Ordering

Customs Tariff Number:	85044099
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:	ACS550-01-045A-4,45A,380V,IP21
Made To Order:	No
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece

© 2026 ABB. All rights reserved.

Quote Only:	No
Selling Unit of Measure:	piece

Dimensions

Product Net Weight:	18 kg
Product Net Depth / Length:	675 mm
Product Net Height:	384 mm
Product Net Width:	284 mm
Package Level 1 Depth / Length:	700 mm
Package Level 1 Height:	400 mm
Package Level 1 Width:	290 mm

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	179 W	0.6 %	90.2 %
0 / 50 %	250 W	0.8 %	92.7 %
0 / 100 %	476 W	1.5 %	93.0 %
50 / 25 %	205 W	0.7 %	94.4 %
50 / 50 %	312 W	1.0 %	95.5 %
50 / 100 %	641 W	2.1 %	95.4 %
90 / 50 %	405 W	1.3 %	96.7 %
90 / 100 %	918 W	2.9 %	96.3 %

Number of Phases:	3-phase
Degree of Protection:	IP21
Enclosure Type NEMA:	Type1
Frequency (f):	47.5 ... 63 Hz
Frame Size:	R3
Input Voltage (U_{in}):	380 … 480 V
Mounting Type:	Wall-mounted_NO UNIT$
Output Current, Normal Use (I_n):	45 A
Output Current, Heavy-Duty Use (I_{HD}):	38 A
Output Power, Normal Use (P_n):	22 kW
Output Power, Heavy-Duty Use (P_{HD}):	18.5 kW
Efficiency Level:	IE2

© 2026 ABB. All rights reserved.

Environmental

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

External Classifications and Standards

UNSPSC:	39122001

Categories

Products > Drives > Low Voltage AC Drives > Legacy AC Drives > ACS550-01 - Wall-mounted drive



© 2026 ABB. All rights reserved.