

PRODUCT-DETAILS

ACS550-01-045A-4+B055

ACS550-01-045A-4+B055,45A.380V,IP54



General Information

Global Commercial Alias	ACS550-01-045A-4+B055
Product ID	3AUA0000012787-D
ABB Type Designation	ACS550-01-045A-4+B055
Catalog Description	ACS550-01-045A-4+B055,45A.380V,IP54
Long Description	ACS550-01-045A-4+B055,45A.380V,IP54

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS550-01-045A-4+B055,45A.380V,IP54
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	14.7 kg
Package Level 1 Depth / Length	700 mm
Package Level 1 Height	440 mm
Package Level 1 Width	330 mm
Package Level 1 Units	0 carton

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	47.5 ... 63 Hz
Frame Size	R3
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Module_NO UNIT\$
Output Current, Heavy-Duty Use (I_{HD})	38 A
Output Current, Normal Use (I_n)	45 A
Output Power, Heavy-Duty Use (P_{HD})	18.5 kW
Output Power, Normal Use (P_n)	22 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

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 %

Additional Information

Product Name	Frequency Converter
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Classifications

UNSPSC	39122001
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Environmental

WEEE Category

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

Categories

Drives → Low Voltage AC Drives → Legacy AC Drives → ACS550-01 - Wall-mounted drive

