

PRODUCT-DETAILS

ACS550-01-087A-4+B055

ACS550-01-087A-4+B055,87A,380V,IP54



General Information

Global Commercial Alias	ACS550-01-087A-4+B055
Product ID	3AUA0000013240-D
ABB Type Designation	ACS550-01-087A-4+B055
Catalog Description	ACS550-01-087A-4+B055,87A,380V,IP54
Long Description	ACS550-01-087A-4+B055,87A,380V,IP54

Ordering

Country of Origin	China (CN)
Customs Tariff Number	85044099
Invoice Description	ACS550-01-087A-4+B055,87A,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	22.5 kg
Package Level 1 Depth / Length	830 mm
Package Level 1 Height	480 mm
Package Level 1 Width	340 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	R4
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Module_NO UNIT\$
Output Current, Heavy-Duty Use (I_{HD})	72 A
Output Current, Normal Use (I_n)	87 A
Output Power, Heavy-Duty Use (P_{HD})	37 kW
Output Power, Normal Use (P_n)	45 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	316 W	0.5 %	91.2 %
0 / 50 %	455 W	0.8 %	93.3 %
0 / 100 %	875 W	1.5 %	93.4 %
50 / 25 %	361 W	0.6 %	95.0 %
50 / 50 %	554 W	0.9 %	95.9 %
50 / 100 %	1138 W	1.9 %	95.8 %
90 / 50 %	705 W	1.2 %	97.1 %
90 / 100 %	1514 W	2.5 %	96.9 %

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

