



PRODUCT-DETAILS

ACS550-01-038A-4+B055

ACS550-01-038A-4+B055,38A,380V,IP54



General Information

Global Commercial Alias	ACS550-01-038A-4+B055
Product ID	3AUA0000004242-D
ABB Type Designation	ACS550-01-038A-4+B055
Catalog Description	ACS550-01-038A-4+B055,38A,380V,IP54
Long Description	ACS550-01-038A-4+B055,38A,380V,IP54

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	ACS550-01-038A-4+B055,38A,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

Technical

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 ... 500 V
Mounting Type	Module_NO UNIT\$
Output Current, Normal Use (I_n)	38 A
Output Current, Heavy-Duty Use (I_{HD})	31 A
Output Power, Normal Use (P_n)	18.5 kW
Output Power, Heavy-Duty Use (P_{HD})	15 kW
Efficiency Level	IE2
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	196 W	0.7 %	87.6 %
0 / 50 %	268 W	1.0 %	90.9 %
0 / 100 %	488 W	1.9 %	91.7 %
50 / 25 %	217 W	0.8 %	93.1 %
50 / 50 %	309 W	1.2 %	94.8 %
50 / 100 %	580 W	2.2 %	95.1 %
90 / 50 %	344 W	1.3 %	96.7 %
90 / 100 %	712 W	2.7 %	96.6 %

EnvironmentalWEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)**External Classifications and Standards**UNSPSC 39122001

Categories

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

