

PRODUCT-DETAILS

ACQ80-04-01kW5-4

ACQ80-04-01kW5-4 PN: 1.5 kW, IN: 4.0 A



General Information

Global Commercial Alias	ACQ80-04-01kW5-4
Product ID	3AXD50000707256
ABB Type Designation	ACQ80-04-01kW5-4
EAN	6438177646723
Catalog Description	ACQ80-04-01kW5-4 PN: 1.5 kW, IN: 4.0 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
Invoice Description	ACQ80-04-01kW5-4 PN: 1.5 kW, IN: 4.0 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 Weight	1.7 kg
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Product Net Depth / Length	208 mm
Product Net Height	223 mm
Product Net Width	73 mm

Technical

Number of Phases	3
Degree of Protection	IP20
	95
Sound dB (A)	63.10 dB(A)
Frequency (f)	47.5 ... 63 Hz
Frame Size	R0
Mounting Type	Module
Output Current, Heavy-Duty Use (I_{HD})	3.3 A
Output Current, Light-Overload Use (I_{LD})	3.8 A
Output Current, Normal Use (I_n)	4 A
Output Power, Heavy-Duty Use (P_{HD})	1 kW
Output Power, Light-Overload Use (P_{LD})	1.5 kW
Output Power, Normal Use (P_n)	1.5 kW
Apparent Power Output	3.0 kV-A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	34 W	1.2 %	81.0 %
0 / 50 %	39 W	1.4 %	87.9 %
0 / 100 %	50 W	1.8 %	91.4 %
50 / 25 %	36 W	1.3 %	89.5 %
50 / 50 %	41 W	1.5 %	93.5 %
50 / 100 %	55 W	2.0 %	95.2 %
90 / 50 %	44 W	1.6 %	96.0 %
90 / 100 %	62 W	2.2 %	96.9 %

Temperature Rating	Maximum 50 °C
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Additional Information

Product Main Type	ACQ80-04
Product Name	Frequency converter

Classifications

UNSPSC

39122001

Environmental

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for water → ACQ80-04 - Drive module for solar pump

