

## PRODUCT-DETAILS

# ACQ80-04-03kW0-4

## ACQ80-04-03kW0-4 PN: 3.0 kW, IN: 7.2 A



### General Information

Global Commercial Alias	ACQ80-04-03kW0-4
Product ID	3AXD50000707270
ABB Type Designation	ACQ80-04-03kW0-4
EAN	6438177646747
Catalog Description	ACQ80-04-03kW0-4 PN: 3.0 kW, IN: 7.2 A

### Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
Invoice Description	ACQ80-04-03kW0-4 PN: 3.0 kW, IN: 7.2 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
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 ( $I_{HD}$ )	5.6 A
Output Current, Light-Overload Use ( $I_{LD}$ )	6.8 A
Output Current, Normal Use ( $I_n$ )	7.2 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	2.2 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	3 kW
Output Power, Normal Use ( $P_n$ )	3 kW
Apparent Power Output	5.0 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 %	48 W	1.0 %	84.6 %
0 / 50 %	55 W	1.1 %	90.2 %
0 / 100 %	76 W	1.5 %	92.6 %
50 / 25 %	50 W	1.0 %	91.7 %
50 / 50 %	60 W	1.2 %	94.7 %
50 / 100 %	86 W	1.7 %	95.8 %
90 / 50 %	67 W	1.3 %	96.6 %
90 / 100 %	100 W	2.0 %	97.2 %

Temperature Rating	Maximum 50 °C
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Additional Information

Product Main Type	ACQ80-04
Product Name	Frequency converter

Classifications

UNSPSC	39122001
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Environmental

Categories

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

