

## PRODUCT-DETAILS

# ACQ80-04-022kW-4

ACQ80-04-022kW-4 PN: 22 kW, IN: 50 A



### General Information

Global Commercial Alias	ACQ80-04-022kW-4
Product ID	3AXD50000707454
ABB Type Designation	ACQ80-04-022kW-4
EAN	6438177646815
Catalog Description	ACQ80-04-022kW-4 PN: 22 kW, IN: 50 A

### Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
Invoice Description	ACQ80-04-022kW-4 PN: 22 kW, IN: 50 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	5.6 kg
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Product Net Depth / Length	213 mm
Product Net Height	240 mm
Product Net Width	260 mm

Technical

Number of Phases	3
Degree of Protection	IP20
	95
Sound dB (A)	58.8 dB(A)
Frequency (f)	47.5 ... 63 Hz
Frame Size	R3
Mounting Type	Module
Output Current, Heavy-Duty Use ( $I_{HD}$ )	45 A
Output Current, Light-Overload Use ( $I_{LD}$ )	48 A
Output Current, Normal Use ( $I_n$ )	50 A
Output Power, Heavy-Duty Use ( $P_{HD}$ )	22 kW
Output Power, Light-Overload Use ( $P_{LD}$ )	22 kW
Output Power, Normal Use ( $P_n$ )	22 kW
Apparent Power Output	35 kV-A
Efficiency Level	IE2
Standby Loss	38 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	230 W	0.7 %	88.9 %
0 / 50 %	296 W	0.9 %	92.3 %
0 / 100 %	523 W	1.5 %	93.1 %
50 / 25 %	243 W	0.7 %	94.0 %
50 / 50 %	324 W	0.9 %	95.8 %
50 / 100 %	589 W	1.7 %	96.2 %
90 / 50 %	363 W	1.0 %	97.3 %
90 / 100 %	672 W	1.9 %	97.5 %

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

