

PRODUCT-DETAILS

ACQ80-04-07kW5-4

ACQ80-04-07kW5-4 PN: 7.5 kW, IN: 17.0 A



General Information

Global Commercial Alias	ACQ80-04-07kW5-4
Product ID	3AXD50000707300
ABB Type Designation	ACQ80-04-07kW5-4
EAN	6438177646778
Catalog Description	ACQ80-04-07kW5-4 PN: 7.5 kW, IN: 17.0 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	850440
Invoice Description	ACQ80-04-07kW5-4 PN: 7.5 kW, IN: 17.0 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	2.5 kg
Product Net Depth / Length	208 mm

Product Net Height	220 mm
Product Net Width	172 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	R2
Mounting Type	Module
Output Current, Heavy-Duty Use (I_{HD})	12.6 A
Output Current, Light-Overload Use (I_{LD})	16.2 A
Output Current, Normal Use (I_n)	17 A
Output Power, Heavy-Duty Use (P_{HD})	5.5 kW
Output Power, Light-Overload Use (P_{LD})	7.5 kW
Output Power, Normal Use (P_n)	7.5 kW
Apparent Power Output	12 kV·A
Efficiency Level	IE2
Standby Loss	25 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	91 W	0.8 %	87.3 %
0 / 50 %	114 W	1.0 %	91.3 %
0 / 100 %	193 W	1.6 %	92.6 %
50 / 25 %	96 W	0.8 %	93.1 %
50 / 50 %	125 W	1.1 %	95.3 %
50 / 100 %	220 W	1.9 %	95.8 %
90 / 50 %	141 W	1.2 %	97.0 %
90 / 100 %	259 W	2.2 %	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

