



PRODUCT-DETAILS

ACS280-04S-07A2-4

ACS280-04S-07A2-4 PN: 3kW, IN: 7.2A



General Information	
Global Commercial Alias	ACS280-04S-07A2-4
Product ID	3AXD50001071882
ABB Type Designation	ACS280-04S-07A2-4
Catalog Description	ACS280-04S-07A2-4 PN: 3kW, IN: 7.2A

Ordering	
Country of Origin	China (CN)
Customs Tariff Number	85044085
Invoice Description	ACS280-04S-07A2-4 PN: 3kW, IN: 7.2A
Made To Order	No
Minimum Order Quantity	10 piece
Order Multiple	10 piece
Quote Only	No
Selling Unit of Measure	piece

Container Information	
Gross Volume	30 cm³

Dimensions	
Product Net Weight	1.32 kg
Product Net Depth / Length	90 mm
Product Net Height	196 mm
Product Net Width	141 mm
Package Level 1 Depth / Length	341 mm
Package Level 1 Height	225 mm
Package Level 1 Width	575 mm
Package Level 1 Units	10 carton

Technical	
Number of Phases	3
Degree of Protection	IP00
Enclosure Type NEMA	Open Type
Frequency (f)	47.5 ... 63 Hz
Frame Size	R2
Input Voltage (U_{in})	380 ... 480 V
Mounting Type	Module_NO UNIT\$
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
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	37 W	0.7 %	87.6 %
0 / 50 %	44 W	0.9 %	92.0 %
0 / 100 %	62 W	1.2 %	93.8 %
50 / 25 %	39 W	0.8 %	93.3 %
50 / 50 %	48 W	1.0 %	95.6 %
50 / 100 %	72 W	1.4 %	96.5 %
90 / 50 %	55 W	1.1 %	97.2 %
90 / 100 %	86 W	1.7 %	97.6 %

Additional Information	
Product Name	FREQUENCY CONVERTER
Classifications	
UNSPSC	39122001

Categories
Drives → Low Voltage AC Drives → Machinery Drives → ACS280 - Machinery Cold-plate Drive

