



PRODUCT-DETAILS

ACS800-01-0100-7

ACS800-01-0100-7 Pcont.max:90kW,
Icont.max:93A



General Information	
Global Commercial Alias	ACS800-01-0100-7
Product ID	64715330
ABB Type Designation	ACS800-01-0100-7
Catalog Description	ACS800-01-0100-7 Pcont.max:90kW, Icont.max:93A

Ordering	
Country of Origin	Finland (FI)
Customs Tariff Number	85044088
Invoice Description	ACS800-01-0100-7 Pcont.max:90kW, Icont.max:93A
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	67 kg
Product Net Depth / Length	399 mm
Product Net Height	880 mm
Product Net Width	300 mm

Technical	
Number of Phases	3
Frequency (f)	48 ... 63 Hz
Frame Size	R6
Input Voltage (U _{in})	525 ... 690 V
Mounting Type	Wall-mounting
Output Current, Heavy-Duty Use (I _{HD})	62 A
Output Current, Light-Overload Use (I _{LD})	86 A
Output Current, Normal Use (I _n)	93 A
Output Power, Heavy-Duty Use (P _{HD})	55 kW
Output Power, Light-Overload Use (P _{LD})	75 kW
Output Power, Normal Use (P _n)	90 kW
Apparent Power Output	111 kV·A
Efficiency Level	IE2
Standby Loss	140 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	620 W	0.6 %	90.7 %
0 / 50 %	849 W	0.8 %	93.2 %
0 / 100 %	1517 W	1.4 %	93.8 %
50 / 25 %	655 W	0.6 %	95.1 %
50 / 50 %	930 W	0.8 %	96.3 %
50 / 100 %	1728 W	1.6 %	96.5 %
90 / 50 %	1072 W	1.0 %	97.6 %
90 / 100 %	2089 W	1.9 %	97.6 %

Temperature Rating	Maximum 50 °C
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Classifications	
UNSPSC	39122001

Environmental	
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SCIP	9137de42-9806-4708-a144-33d9e4e244e2 Finland (FI)
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Additional Information

Product Name	Frequency Converter
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Categories

Drives → Low Voltage AC Drives → Legacy AC Drives → ACS800 Single Drives → ACS800-01 - Wall-mounted 6-pulse drive

