



PRODUCT-DETAILS

ACS800-04-0400-5

ACS800-04-0400-5 Pcont.max:315kW,
Icont.max:515A



General Information	
Global Commercial Alias	ACS800-04-0400-5
Product ID	64728776
ABB Type Designation	ACS800-04-0400-5
Catalog Description	ACS800-04-0400-5 Pcont.max:315kW, Icont.max:515A

Ordering	
Customs Tariff Number	85044086
HS Code	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Invoice Description	ACS800-04-0400-5 Pcont.max:315kW, Icont.max:515A
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions	
Product Net Weight	205 kg
Product Net Depth / Length	564 mm
Product Net Height	1555 mm
Product Net Width	575 mm

Technical	
Number of Phases	3-phase
Frequency (f)	48 ... 63 Hz
Frame Size	R8
Input Voltage (U_{in})	380 ... 500 V
Mounting Type	Module for cabinet assembly
Output Current, Normal Use (I_n)	515 A
Output Current, Light-Overload Use (I_{LD})	510 A
Output Current, Heavy-Duty Use (I_{HD})	370 A
Output Power, Normal Use (P_n)	315 kW
Output Power, Light-Overload Use (P_{LD})	315 kW
Output Power, Heavy-Duty Use (P_{HD})	250 kW
Apparent Power Output	446 kV·A
Efficiency Level	IE2
Standby Loss	356 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1890 W	0.4 %	92.6 %
0 / 50 %	2882 W	0.6 %	94.2 %
0 / 100 %	6195 W	1.4 %	93.8 %
50 / 25 %	1977 W	0.4 %	96.2 %
50 / 50 %	3051 W	0.7 %	97.0 %
50 / 100 %	6508 W	1.5 %	96.8 %
90 / 50 %	3314 W	0.7 %	98.1 %
90 / 100 %	7165 W	1.6 %	98.0 %

Temperature Rating	Maximum 50 °C
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External Classifications and Standards	
UNSPSC	39122001

Environmental	
SCIP	e550f262-cea9-43a6-bbb7-76ebc5b9dc70 Finland
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories
Drives → Low Voltage AC Drives → Legacy AC Drives → ACS800 Drive Modules → ACS800-04 - Single drive module

