



PRODUCT-DETAILS

# ACS800-04-0070-5

ACS800-04-0070-5 Pcont.max:55kW,  
Icont.max:96A



## General Information

Global Commercial Alias	ACS800-04-0070-5
Product ID	68365708
ABB Type Designation	ACS800-04-0070-5
Catalog Description	ACS800-04-0070-5 Pcont.max:55kW, Icont.max:96A

## 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	ACS800-04-0070-5 Pcont.max:55kW, Icont.max:96A
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	32 kg
Product Net Depth / Length	275.5 mm
Product Net Height	602 mm
Product Net Width	265 mm

### Technical

Number of Phases	3-phase
Frequency (f)	48 ... 63 Hz
Frame Size	R5
Input Voltage (U <sub>in</sub> )	380 ... 500 V
Mounting Type	Module for cabinet assembly
Output Current, Normal Use (I <sub>n</sub> )	96 A
Output Current, Light-Overload Use (I <sub>LD</sub> )	88 A
Output Current, Heavy-Duty Use (I <sub>HD</sub> )	69 A
Output Power, Normal Use (P <sub>n</sub> )	55 kW
Output Power, Light-Overload Use (P <sub>LD</sub> )	55 kW
Output Power, Heavy-Duty Use (P <sub>HD</sub> )	45 kW
Apparent Power Output	83 kV·A
Efficiency Level	IE2
Standby Loss	77 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	287 W	0.3 %	94.0 %
0 / 50 %	406 W	0.5 %	95.5 %
0 / 100 %	786 W	0.9 %	95.6 %
50 / 25 %	312 W	0.4 %	96.8 %
50 / 50 %	462 W	0.6 %	97.5 %
50 / 100 %	940 W	1.1 %	97.4 %
90 / 50 %	562 W	0.7 %	98.3 %
90 / 100 %	1208 W	1.5 %	98.2 %

Temperature Rating	Maximum 50 °C
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### Environmental

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

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## External Classifications and Standards

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UNSPSC

39122001

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## Categories

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

