



PRODUCT-DETAILS

ACS800-04-0040-7

ACS800-04-0040-7 Pcont.max:30kW,
Icont.max:36A



General Information	
Global Commercial Alias	ACS800-04-0040-7
Product ID	68365619
ABB Type Designation	ACS800-04-0040-7
Catalog Description	ACS800-04-0040-7 Pcont.max:30kW, Icont.max:36A

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	ACS800-04-0040-7 Pcont.max:30kW, Icont.max:36A
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	24 kg
Product Net Depth / Length	253 mm
Product Net Height	490 mm
Product Net Width	240 mm

Technical

Number of Phases	3-phase
Frequency (f)	48 ... 63 Hz
Frame Size	R4
Input Voltage (U_{in})	525 ... 690 V
Mounting Type	Module for cabinet assembly
Output Current, Normal Use (I_n)	36 A
Output Current, Light-Overload Use (I_{LD})	34 A
Output Current, Heavy-Duty Use (I_{HD})	27 A
Output Power, Normal Use (P_n)	30 kW
Output Power, Light-Overload Use (P_{LD})	30 kW
Output Power, Heavy-Duty Use (P_{HD})	22 kW
Apparent Power Output	43 kV·A
Efficiency Level	IE2
Standby Loss	54 W
Complete Drive Module Efficiency (IEC61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	250 W	0.6 %	90.1 %
0 / 50 %	333 W	0.8 %	93.0 %
0 / 100 %	575 W	1.3 %	93.9 %
50 / 25 %	264 W	0.6 %	94.7 %
50 / 50 %	364 W	0.8 %	96.2 %
50 / 100 %	652 W	1.5 %	96.6 %
90 / 50 %	412 W	1.0 %	97.6 %
90 / 100 %	783 W	1.8 %	97.7 %

Temperature Rating	Maximum 50 °C
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Environmental

SCIP	e550f262-cea9-43a6-bbb7-76ebc5b9dc70 Finland
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

External Classifications and Standards

UNSPSC

39122001

Categories

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

