



PRODUCT-DETAILS

ACS800-U1-0070-5
ACS800-U1-0070-5; ACS800-U1-0070-5
Pcont.max:75kW, Icont.max:96A

General Information	
Global Commercial Alias	ACS800-U1-0070-5
Product ID	64677217
ABB Type Designation	ACS800-U1-0070-5
Catalog Description	ACS800-U1-0070-5; ACS800-U1-0070-5 Pcont.max:75kW, Icont.max:96A

Ordering	
Customs Tariff Number	85044086
Invoice Description	ACS800-U1-0070-5 Pcont.max:75kW, 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	34 kg
Product Net Depth / Length	286 mm
Product Net Height	739 mm
Product Net Width	265 mm

Technical	
Number of Phases	3-phase
Frequency (f)	48 ... 63 Hz
Frame Size	R5
Input Voltage (U _{in})	380 ... 500 V
Mounting Type	Wall Mounting
Output Current, Normal Use (I _N)	96 A
Output Current, Heavy-	77 A

Duty Use (I_{HD})	
Output Power, Normal Use (P_n)	75 Hp
Output Power, Heavy-Duty Use (P_{HD})	60 Hp
Apparent Power Output	76 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	0.4 %	93.6 %
0 / 50 %	406 W	0.5 %	95.2 %
0 / 100 %	786 W	1.0 %	95.3 %
50 / 25 %	312 W	0.4 %	96.5 %
50 / 50 %	462 W	0.6 %	97.3 %
50 / 100 %	940 W	1.2 %	97.2 %
90 / 50 %	562 W	0.7 %	98.2 %
90 / 100 %	1203 W	1.6 %	98.0 %

Temperature Rating	Maximum 50 °C
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External Classifications and Standards

UNSPSC	39122001
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Environmental

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

Categories

Drives → Low Voltage AC Drives → Legacy AC Drives → ACS800 Single Drives → ACS800-U1 - Wall-mounted 6-pulse drive (US)
Drives → Services → Spares and Consumables → Parts