



PRODUCT-DETAILS

ACS800-04-0490-3

ACS800-04-0490-3 Pcont.max:400kW,
Icont.max:720A

**General Information**

Global Commercial Alias	ACS800-04-0490-3
Product ID	64728725
ABB Type Designation	ACS800-04-0490-3
Catalog Description	ACS800-04-0490-3 Pcont.max:400kW, Icont.max:720A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044088
Invoice Description	ACS800-04-0490-3 Pcont.max:400kW, Icont.max:720A
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	205 kg
Product Net Depth / Length	564 mm
Product Net Height	1555 mm
Product Net Width	575 mm

Technical

Number of Phases	3
Frequency (f)	48 ... 63 Hz
Frame Size	R8
Input Voltage (U_{in})	380 ... 415 V
Mounting Type	Module for cabinet assembly
Output Current, Heavy-Duty Use (I_{HD})	635 A
Output Current, Light-Overload Use (I_{LD})	704 A
Output Current, Normal Use (I_n)	720 A
Output Power, Heavy-Duty Use (P_{HD})	355 kW
Output Power, Light-Overload Use (P_{LD})	400 kW
Output Power, Normal Use (P_n)	400 kW
Apparent Power Output	499 kV·A
Efficiency Level	IE2
Standby Loss	378 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	3148 W	0.6 %	89.4 %
0 / 50 %	5142 W	1.0 %	91.0 %
0 / 100 %	12409 W	2.5 %	89.4 %
50 / 25 %	3184 W	0.6 %	94.6 %
50 / 50 %	5167 W	1.0 %	95.5 %
50 / 100 %	11987 W	2.4 %	94.8 %
90 / 50 %	5218 W	1.0 %	97.4 %
90 / 100 %	11783 W	2.4 %	97.1 %

Temperature Rating	Maximum 50 °C
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Classifications

UNSPSC	39122001
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Environmental

SCIP

e550f262-cea9-43a6-bbb7-76ebc5b9dc70 Finland (FI)

WEEE Category

4. Large Equipment (Any External Dimension More Than 50 cm)

Additional Information

Product Name

Frequency Converter

Categories

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

