

## PRODUCT-DETAILS

# ACS880-07-0240A-5

## ACS880-07-0240A-5 PN: 132 kW, IN: 240 A



### General Information

Global Commercial Alias	ACS880-07-0240A-5
Product ID	3AUA0000123714
ABB Type Designation	ACS880-07-0240A-5
Catalog Description	ACS880-07-0240A-5 PN: 132 kW, IN: 240 A

### Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044086
Invoice Description	ACS880-07-0240A-5 PN: 132 kW, IN: 240 A
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	265 kg 584 lb
Product Net Depth / Length	673 mm 26.50 in

Product Net Height	2145 mm 84.45 in
Product Net Width	430 mm 16.93 in
Package Level 1 Depth / Length	1100 mm 43.31 in
Package Level 1 Height	2385 mm 93.90 in
Package Level 1 Width	1144 mm 45.04 in

Technical

Number of Phases	3
Degree of Protection	IP22
Enclosure Type NEMA	Type1
Altitude	1000 m 5 ... 95
Power Factor	0.98
Sound dB (A)	65 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 2pcs, 3V, 220mAh, 6g
Frequency (f)	48 ... 63 Hz
Frame Size	R8
Input Voltage (U <sub>in</sub> )	380 ... 500 V
Mounting Type	Cabinet-built
Communication Protocol	CAN DeviceNet EtherNet/IP MODBUS Other Bus Systems PROFIsafe PROFIBUS PROFINET IO TCP/IP
Number of Hardware Interfaces	Industrial Ethernet 0 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 1
Includes	Control unit PC connection
Analog Inputs	2
Analog Outputs	2
Number of Digital In/Outputs	7 / 5
Output Current, Heavy-Duty Use (I <sub>HD</sub> )	180 A
Output Current, Light-Overload Use (I <sub>LD</sub> )	228 A
Output Current, Normal Use (I <sub>n</sub> )	240 A
Output Power, Heavy-Duty Use (P <sub>HD</sub> )	110 kW
Output Power, Light-Overload Use (P <sub>LD</sub> )	132 kW
Output Power, Normal Use (P <sub>n</sub> )	132 kW

Apparent Power Output	208 kV·A
Standby Loss	130 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	948 W	92.3 %	0.5 %
0/50 %	1243 W	94.6 %	0.6 %
0/100 %	1987 W	95.6 %	1.0 %
50/25 %	1008 W	95.9 %	0.5 %
50/50 %	1343 W	97.1 %	0.6 %
50/100 %	2327 W	97.5 %	1.1 %
90/50 %	1575 W	98.1 %	0.8 %
90/100 %	3052 W	98.1 %	1.5 %

Temperature Rating	Maximum 40 °C Minimum 0 °C
Ecodesign Exemption	Energy efficiency data is not provided for this cabinet-built drive. Cabinet-built drives, with already conform modules, are excluded from the scope of the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.e).

Additional Information

Product Main Type	ACS880-07
Product Name	Frequency converter

Classifications

UNSPSC	39122001
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Environmental

SCIP	e1aec134-b168-4e21-9c40-ee5e90c4bab4 Finland (FI)
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

Drives → Low Voltage AC Drives → Industrial Drives → ACS880 single drives → ACS880-07 - Cabinet-built single drive

