

PRODUCT-DETAILS

ACS880-37-0442A-3

ACS880-37-0442A-3 PN: 250 kW, IN: 442 A



General Information

Global Commercial Alias	ACS880-37-0442A-3
Product ID	3AXD50000146024
ABB Type Designation	ACS880-37-0442A-3
Catalog Description	ACS880-37-0442A-3 PN: 250 kW, IN: 442 A

Ordering

Country of Origin	Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS880-37-0442A-3 PN: 250 kW, IN: 442 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	750 kg 1653 lb
Product Net Depth / Length	698 mm 27.48 in

Product Net Height	2145 mm 84.45 in
Product Net Width	1230 mm 48.43 in
Package Level 1 Depth / Length	1100 mm 43.31 in
Package Level 1 Height	2373 mm 93.43 in
Package Level 1 Width	1444 mm 56.85 in

Technical

Number of Phases	3
Degree of Protection	IP22
Enclosure Type NEMA	Type1
Altitude	1000 m 5 ... 95
Power Factor	1
Sound dB (A)	77 dB(A)
Multiple Battery Information	Lithium Coin, CR2032, 2pcs, 3V, 220mAh, 6g
Frequency (f)	48 ... 63 Hz
Frame Size	R11
Input Voltage (U_{in})	380 ... 415 V
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_{HD})	363 A
Output Current, Light- Overload Use (I_{LD})	420 A
Output Current, Normal Use (I_n)	442 A
Output Power, Heavy- Duty Use (P_{HD})	200 kW
Output Power, Light- Overload Use (P_{LD})	250 kW
Output Power, Normal Use (P_n)	250 kW
Apparent Power Output	306 kV·A

Complete Drive Module
Efficiency (61800-9-2)

Operating Point Frequency / Current	
	0/25 %
	0/50 %
	0/100 %
	50/25 %
	50/50 %
	50/100 %
	90/50 %
	90/100 %
Temperature Rating	Maximum 40 °C Minimum 0 °C
Ecodesign Exemption	Energy efficiency data is not provided for the drive. The low-harmonic drives are exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.d).

Additional Information

Product Main Type	ACS880-37
Product Name	Frequency converter

Classifications

ETIM 8	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

Environmental

SCIP	9ECED1FE-316A-4BF4-991E-2606BB5FE13A 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 → ACS880-37 - Cabinet-built low harmonic single drive

