



PRODUCT-DETAILS

ACS880-17-0260A-5

ACS880-17-0260A-5; ACS880-17-0260A-5 PN: 160 kW, IN: 260 A

General Information

| | |
|-------------------------|--|
| Global Commercial Alias | ACS880-17-0260A-5 |
| Product ID | 3AXD50000042654 |
| ABB Type Designation | ACS880-17-0260A-5 |
| Catalog Description | ACS880-17-0260A-5; ACS880-17-0260A-5 PN: 160 kW, IN: 260 A |

Ordering

| | |
|-------------------------|---|
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS880-17-0260A-5 PN: 160 kW, IN: 260 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 ... 500 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}) | 240 A |
| Output Current, Light-Overload Use (I _{LD}) | 247 A |
| Output Current, Normal Use (I _n) | 260 A |
| Output Power, Heavy-Duty Use (P _{HD}) | 132 kW |
| Output Power, Light-Overload Use (P _{LD}) | 160 kW |
| Output Power, Normal Use (P _n) | 160 kW |
| Apparent Power Output | 225 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 regenerative drives are

exempt from the EU ecodesign requirements (Regulation EU/2019/1781, §2.3.c).

Additional Information

Product Main Type ACS880-17
Product Name Frequency converter

Classifications

UNSPSC 39122001

Environmental

SCIP 82D82DAE-9725-4373-865D-AA949B97DE50 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 → ACS880-17 - Cabinet-built regenerative single drive
Drives → Services → Spares and Consumables → Parts