

PRODUCT-DETAILS

ACS280-04S-17A5-2

ACS280-04S-17A5-2 PN: 3kW, IN: 17.5A



General Information

| | |
|-------------------------|--------------------------------------|
| Global Commercial Alias | ACS280-04S-17A5-2 |
| Product ID | 3AXD50001071813 |
| ABB Type Designation | ACS280-04S-17A5-2 |
| Catalog Description | ACS280-04S-17A5-2 PN: 3kW, IN: 17.5A |

Ordering

| | |
|-------------------------|--------------------------------------|
| Country of Origin | China (CN) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS280-04S-17A5-2 PN: 3kW, IN: 17.5A |
| Made To Order | No |
| Minimum Order Quantity | 10 piece |
| Order Multiple | 10 piece |
| Quote Only | No |
| Selling Unit of Measure | piece |

Container Information

| | |
|--------------|--------|
| Gross Volume | 30 cm³ |
|--------------|--------|

Dimensions

| | |
|--------------------------------|-----------|
| Product Net Weight | 1.32 kg |
| Product Net Depth / Length | 90 mm |
| Product Net Height | 196 mm |
| Product Net Width | 141 mm |
| Package Level 1 Depth / Length | 341 mm |
| Package Level 1 Height | 225 mm |
| Package Level 1 Width | 575 mm |
| Package Level 1 Units | 10 carton |

Technical

| | |
|---|------------------|
| Number of Phases | 3 |
| Degree of Protection | IP00 |
| Enclosure Type NEMA | Open Type |
| Frequency (f) | 47.5 ... 63 Hz |
| Frame Size | R2 |
| Input Voltage (U_{in}) | 200 ... 240 V |
| Mounting Type | Module_NO UNIT\$ |
| Output Current, Heavy-Duty Use (I_{HD}) | 12.2 A |
| Output Current, Light-Overload Use (I_{LD}) | 16.7 A |
| Output Current, Normal Use (I_n) | 17.5 A |
| Output Power, Heavy-Duty Use (P_{HD}) | 3 kW |
| Output Power, Light-Overload Use (P_{LD}) | 4 kW |
| Output Power, Normal Use (P_n) | 4 kW |
| Complete Drive Module Efficiency (61800-9-2) | |

| Operating Point Frequency / Current | Absolute Loss | Relative Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 % | 76 W | 1.1 % | 82.8 % |
| 0 / 50 % | 93 W | 1.3 % | 88.5 % |
| 0 / 100 % | 134 W | 1.9 % | 90.8 % |
| 50 / 25 % | 82 W | 1.2 % | 90.4 % |
| 50 / 50 % | 104 W | 1.5 % | 93.5 % |
| 50 / 100 % | 159 W | 2.3 % | 94.5 % |
| 90 / 50 % | 121 W | 1.7 % | 95.7 % |
| 90 / 100 % | 198 W | 2.8 % | 96.2 % |

| Additional Information | |
|------------------------|---------------------|
| Product Name | FREQUENCY CONVERTER |

| Classifications | |
|-----------------|----------|
| UNSPSC | 39122001 |

| Categories |
|---|
| Drives → Low Voltage AC Drives → Machinery Drives → ACS280 - Machinery Cold-plate Drive |

