

PRODUCT-DETAILS

ACS180-04N-03A7-1

LV AC machinery drive module, IEC: Pn 0.55 kW, 3.7 A, 230 V, UL: Pld 0.75 Hp, 3.5 A, 230 V (ACS180-04N-03A7-1)



| General Information | |
|-------------------------|--|
| Global Commercial Alias | ACS180-04N-03A7-1 |
| Product ID | 3AXD50000716340 |
| ABB Type Designation | ACS180-04N-03A7-1 |
| EAN | 6438177648895 |
| Catalog Description | LV AC machinery drive module, IEC: Pn 0.55 kW, 3.7 A, 230 V, UL: Pld 0.75 Hp, 3.5 A, 230 V (ACS180-04N-03A7-1) |
| Long Description | The ACS180 is a compact, robust, and adaptable variable speed drive (VSD) for applications such as pumps, fans, compressors, conveyors, winders and mixers. This easy-to-use compact VSD offers excellent performance and quality at superior value with all essential machinery application features embedded. And as a member of ABB's all-compatible drives portfolio, it shares the same architecture and user interfaces for ease of use. |

| Ordering | |
|------------------------|--|
| Country of Origin | China (CN) |
| Customs Tariff Number | 85044085 |
| Invoice Description | ACS180-04N-03A7-1 PN: 0.55 kW, IN: 3.7 A |
| Made To Order | Yes |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |

| | |
|-------------------------|-------|
| Quote Only | No |
| Selling Unit of Measure | piece |

Container Information

| | |
|--------------|-----------|
| Gross Volume | 2.092 dm³ |
|--------------|-----------|

Dimensions

| | |
|--------------------------------|---------------------|
| Product Net Weight | 0.92 kg 2.028 lb |
| Product Net Depth / Length | 143 mm 5.630 in |
| Product Net Height | 209 mm 8.228 in |
| Product Net Width | 70 mm 2.756 in |
| Package Level 1 Depth / Length | 225 mm 8.858 in |
| Package Level 1 Height | 115 mm 4.528 in |
| Package Level 1 Width | 220 mm 8.661 in |

Technical

| | |
|---|---|
| Number of Phases | 1 |
| Degree of Protection | IP20 |
| Enclosure Type NEMA | Open Type |
| Altitude | 1000 m |
| Power Factor | 0.98 |
| Sound dB (A) | - dB(A) |
| Frequency (f) | 47 ... 63 Hz |
| Frame Size | R0 |
| Input Voltage (U _{in}) | 200 ... 240 V |
| Communication Protocol | MODBUS |
| Number of Hardware Interfaces | Industrial Ethernet 0 Other 1 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0 |
| Includes | Control unit PC connection |
| Analog Inputs | 2 |
| Analog Outputs | 1 |
| Number of Digital In/Outputs | 4 / 2 |
| Output Current, Heavy-Duty Use (I _{HD}) | 2.4 A |
| Output Current, Light- | 3.5 A |

| | |
|---|---------|
| Overload Use (I_{LD}) | |
| Output Current, Normal Use (I_n) | 3.7 A |
| Output Power, Heavy-Duty Use (P_{HD}) | 0.37 kW |
| Output Power, Light-Overload Use (P_{LD}) | 0.55 kW |
| Output Power, Normal Use (P_n) | 0.55 kW |
| 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 % |

Additional Information

| | |
|-------------------|---------------------|
| Product Main Type | ACS180-04N |
| Product Name | Frequency converter |

Environmental

| | |
|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
|---------------|--|

Categories

Drives → Low Voltage AC Drives → Machinery Drives → ACS180 - Machinery Drive

