

Product data sheet

Specifications



soft starter for asynchronous motor,
Altistart 48, 40A, 208..690V,
11..37kW

ATS48D47Y

⚠ Discontinued - Service only

⚠ Discontinued on: Aug 7, 2023

⚠ To be end-of-service on: Dec 31, 2030

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|------------------------------|---|
| Range Of Product | Altistart 48 |
| Product Or Component Type | Soft starter |
| Product Destination | Asynchronous motors |
| Product Specific Application | Heavy duty industry and pumps |
| Device Short Name | ATS48 |
| Utilisation Category | AC-53A |
| Ue Power Supply Voltage | 208...690 V - 15...10 % |
| Power Supply Frequency | 50...60 Hz - 5...5 % |
| Motor Power Kw | 11 kW 230 V for standard applications 22 kW 400 V for standard applications 22 kW 440 V for standard applications 22 kW 500 V for severe applications 22 kW 525 V for severe applications 30 kW 500 V for standard applications 30 kW 525 V for standard applications 30 kW 660 V for severe applications 30 kW 690 V for severe applications 37 kW 660 V for standard applications 37 kW 690 V for standard applications 9 kW 230 V for severe applications 18.5 kW 400 V for severe applications 18.5 kW 440 V for severe applications |
| Maximum Horse Power Rating | 10 hp 208 V for severe applications 15 hp 230 V for standard applications 25 hp 460 V for severe applications 30 hp 460 V for standard applications 30 hp 575 V for severe applications 40 hp 575 V for standard applications |

Complementary

| | |
|-------------------|--|
| Device Connection | In the motor supply line |
| Protection Type | Phase failure line Thermal protection motor Thermal protection starter |
| Standards | EN/IEC 60947-4-2 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|-----------------------------|--|
| Product Certifications | UL DNV TCF NOM 117 SEPRO CSA CCC C-tick GOST |
| Marking | CE |
| Discrete Input Number | 5 |
| Discrete Input Type | PTC, 750 Ohm 77 °F (25 °C) Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm |
| Discrete Input Logic | Positive logic Stop, Run, LI3, LI4 < 5 V <= 2 mA > 11 V, >= 5 mA |
| Minimum Switching Current | 10 mA 6 V DC relay outputs |
| Discrete Output Number | 2 |
| Discrete Output Type | LO1) logic output 0 V common configurable LO2) logic output 0 V common configurable R1) relay outputs fault relay NO R2) relay outputs end of starting relay NO R3) relay outputs motor powered NO |
| Analogue Output Type | Current output AO 0-20 mA or 4-20 mA 500 Ohm |
| Communication Port Protocol | Modbus |
| Connector Type | 1 RJ45 |
| Communication Data Link | Serial |
| Physical Interface | RS485 multidrop |
| Transmission Rate | 4800, 9600 or 19200 bps |
| Function Available | External bypass (optional) |
| Operating Position | Vertical +/- 10 degree |
| Height | 10.83 in (275 mm) |
| Width | 6.30 in (160 mm) |
| Depth | 7.48 in (190 mm) |
| Net Weight | 10.80 lb(US) (4.9 kg) |

Environment

| | |
|---------------------------------------|--|
| Electromagnetic Compatibility | Conducted and radiated emissions level A IEC 60947-4-2 Conducted and radiated emissions level B IEC 60947-4-2 Damped oscillating waves level 3 IEC 61000-4-12 Electrostatic discharge level 3 IEC 61000-4-2 Immunity to electrical transients level 4 IEC 61000-4-4 Immunity to radiated radio-electrical interference level 3 IEC 61000-4-3 Voltage/current impulse level 3 IEC 61000-4-5 |
| Relative Humidity | 0...95 % without condensation or dripping water EN/IEC 60068-2-3 |
| Ambient Air Temperature For Operation | 104...140 °F (40...60 °C) with current derating of 2 % per °C) 14...104 °F (-10...40 °C) without derating) |
| Ambient Air Temperature For Storage | -13...158 °F (-25...70 °C) |
| Operating Altitude | <= 3280.84 ft (1000 m) without derating > 3280.84...6561.68 ft (> 1000...2000 m) with current derating of 2.2 % per additional 100 m |

Ordering and shipping details

| | |
|----------|--------------|
| Category | US1CP1G22579 |
|----------|--------------|

| | |
|-------------------|---------------|
| Discount Schedule | CP1G |
| Gtin | 3389110982268 |
| Returnability | Yes |
| Country Of Origin | US |

Packing Units

| | |
|------------------------------|---------------------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 11.42 in (29.0 cm) |
| Package 1 Width | 10.24 in (26.0 cm) |
| Package 1 Length | 14.57 in (37.0 cm) |
| Package 1 Weight | 13.64 lb(US) (6.187 kg) |
| Unit Type Of Package 2 | P06 |
| Number Of Units In Package 2 | 8 |
| Package 2 Height | 28.94 in (73.5 cm) |
| Package 2 Width | 31.50 in (80.0 cm) |
| Package 2 Length | 23.62 in (60.0 cm) |
| Package 2 Weight | 136.35 lb(US) (61.848 kg) |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

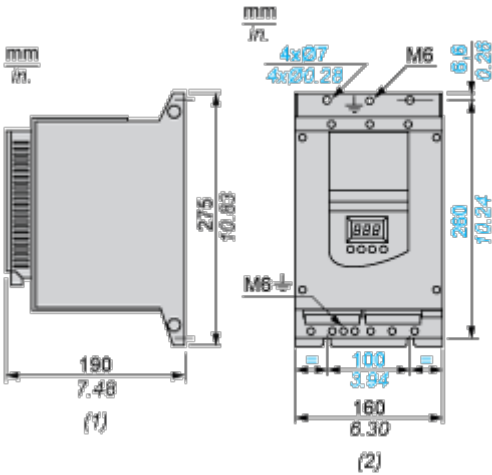
[Guide to assess a product’s sustainability >](#)

Well-being performance

| | |
|--|---|
|  Mercury Free | |
|  Rohs Exemption Information | Yes |
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| China Rohs Regulation | China RoHS declaration |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Dimensions Drawings

Dimensions



(1) Right View
(2) Front View

Mounting and Clearance

Clearance

