

ATS48C25Y

soft starter for asynchronous motor - ATS48 - 240
A - 208..690 V - 55..250 KW

Product availability : Stock - Normally stocked in distribution facility



Price** : 3,045.00 USD



Main

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| 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 |
| Power supply voltage | 208...690 V - 15...10 % |
| Motor power kW | 110 kW 400 V for severe applications 110 kW 440 V for severe applications 132 kW 400 V for standard applications 132 kW 440 V for standard applications 132 kW 500 V for severe applications 132 kW 525 V for severe applications 160 kW 500 V for standard applications 160 kW 525 V for standard applications 160 kW 660 V for severe applications 200 kW 690 V for severe applications 220 kW 660 V for standard applications 250 kW 690 V for standard applications 55 kW 230 V for severe applications 75 kW 230 V for standard applications |
| Maximum Horse Power Rating | 100 hp 230 V for standard applications 150 hp 460 V for severe applications 200 hp 460 V for standard applications 200 hp 575 V for severe applications 250 hp 575 V for standard applications 60 hp 208 V for severe applications 75 hp 208 V for standard applications 75 hp 230 V for severe applications |
| Power dissipation in W | 580 W for standard applications 695 W for standard applications |
| Utilisation category | AC-53A |
| Type of start | Start with torque control (current limited to 5 In) |
| Icl nominal current | 250 A for connection in the motor supply line for severe applications |

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| IP degree of protection | IP00 |
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Complementary

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| Assembly style | With heat sink |
| Function available | External bypass (optional) |
| Power supply voltage limits | 177...759 V |
| Power supply frequency | 50...60 Hz - 5...5 % |
| Power supply frequency limits | 47.5...63 Hz |
| Device connection | In the motor supply line |
| Factory setting current | 240 A |
| [Uc] control circuit voltage | 110 - 15 % to 230 + 10 %, 50/60 Hz |
| Control circuit consumption | 50 W |
| 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 |
| Output absolute accuracy precision | +/- 5 % |
| Minimum switching current | 10 mA 6 V DC relay outputs |
| Maximum switching current | Logic output 0.2 A 30 V DC Relay outputs 1.8 A 230 V AC inductive, cos phi = 0.5 20 ms Relay outputs 1.8 A 30 V DC inductive, cos phi = 0.5 20 ms |
| 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 voltage | 24 V <= 30 V |
| Discrete input logic | Positive logic Stop, Run, LI3, LI4 < 5 V <= 2 mA > 11 V, >= 5 mA |
| Starting current | 0.4...1.3 Icl adjustable |
| 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 |
| Max nodes number | 31 |
| Protection type | Phase failure line Thermal protection motor Thermal protection starter |
| Marking | CE |
| Type of cooling | Forced convection |
| Operating position | Vertical +/- 10 degree |
| Height | 14.96 in (380 mm) |
| Width | 12.60 in (320 mm) |
| Depth | 10.43 in (265 mm) |
| Net weight | 40.12 lb(US) (18.2 kg) |
| Motor power range AC-3 | 55...100 kW 200...240 V 3 phase 110...220 kW 380...440 V 3 phase 110...220 kW 480...500 V 3 phase |
| Motor starter type | Soft starter |

Environment

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| Electromagnetic compatibility | Conducted and radiated emissions level A 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 |
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Immunity to radiated radio-electrical interference level 3 IEC 61000-4-3
Voltage/current impulse level 3 IEC 61000-4-5

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| Standards | EN/IEC 60947-4-2 |
| Product certifications | CCC UL SEPRO TCF GOST CSA NOM 117 DNV C-Tick |
| Vibration resistance | 1 gn 13...200 Hz)EN/IEC 60068-2-6 1.5 mm 2...13 Hz)EN/IEC 60068-2-6 |
| Shock resistance | 15 gn 11 ms EN/IEC 60068-2-27 |
| Noise level | 54 dB |
| Pollution degree | Level 3 IEC 60664-1 |
| 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) |
| Ambient air temperature for storage | -13...158 °F (-25...70 °C) |
| Operating altitude | <= 3280.84 ft (1000 m) without > 3280.84...6561.68 ft (> 1000...2000 m) with current derating of 2.2 % per additional 100 m |

Ordering and shipping details

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| Category | 22579 - OPEN ATS48 ALTISTART |
| Discount Schedule | CP1G |
| GTIN | 00785901982425 |
| Package weight(Lbs) | 22.50 kg (49.6 lb(US)) |
| Returnability | Yes |
| Country of origin | ID |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

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| Warranty | 18 months |
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Clearance

