

Altistart™ 01 Soft Starts

Simply Smart: Advanced motor control in a small package

The Altistart 01 mini soft starts from Schneider Electric offer sophisticated starting and stopping control for motors in a compact package. Available in three different performance levels, Altistart 01 mini soft starts meet the application needs of a wide range of fractional and low horsepower single-phase and three-phase asynchronous motors.

A feature-rich alternative to low horsepower electromechanical reduced voltage starters, the Altistart 01 mini soft starts offer many options to fit your application. Capable of being used with most any motor starter, the mini soft starts are just 45 mm wide, allowing direct mounting to Telemecanique brand TeSys® U-Line™ and D-Line™ motor starters. Side-by-side mounting of the Altistart 01 mini soft starts with U-Line and D-Line motor starters can save up to 25 percent of valuable panel space. Optional DIN rail or panel mounting and a removable power terminal block saves installation and wiring time.

What can Altistart 01 mini soft starts do for you?

- **Wide functionality with three performance levels**
 - **ATS01N1 Torque Limiting:** designed for applications requiring limited torque during start-up up to 12 A (3 HP at 230 V) and can control either single - or three-phase motors
 - **ATS01N2 Low Power:** directly connect the low horsepower model to the U-Line and D-Line motor starters and control three-phase motors up to 32 A (20 HP at 460 V) with the option for networking communications
 - **ATS01N2 High Power:** sized for heavy duty applications with start and stop times up to 25 seconds, these models control motors up to 85 A (60 HP at 460 V)
- **Ease of integration**
 - Easily program the ATS01N2 Low Power with PowerSuite™ programming software
 - Network monitoring and control available through TeSys U-line communication modules in AS-Interface (AS-i), Modbus®, CANopen, Ethernet TCP/IP, DeviceNet, or Profibus DP protocols
- **Reliability**
 - Rated for elevations up to 6,600 feet (2,012 meters)
 - Wide operating temperature ranges without need to derate



Where do you use Altistart 01 mini soft starts?

- **Industrial Machinery**
 - Packaging and Conveyance
 - Food and Beverage
- **Specialty Machinery**
 - Car Wash Systems
 - Elevators and Escalators
- **Facility and Infrastructures**
 - Pump Controllers
 - Water and Wastewater Controls
 - HVAC Controls

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Product Specifications

Temperature Ratings (operational)	Low Power and Torque Limiting Models: -10 to + 40°C (+14 to +104°F) High Power Model: 0 to + 55°C (+32 to +130°F)
Degree of Protection	IP20
Electromagnetic Compatibility EMC	Conducted and Radiated Emissions Conforming to CISPR 11 Level B and IEC 60947-4-2, level B
Harmonics	Conforming to IEC 61000-3-2 and IEC 61000-3-4
Certifications	UL, CSA, CE, CCC (for Low Power and Torque Limiting Models)

Product Selection

Part Number	Voltage	Motor Type	Motor Power	Rated Current	Horsepower
Low Power					
ATS01N206RT	120 Vac	3 Phase	460 Vac	6 A	3
ATS01N209RT	120 Vac	3 Phase	460 Vac	9 A	5
ATS01N212RT	120 Vac	3 Phase	460 Vac	12 A	7.5
ATS01N222RT	120 Vac	3 Phase	460 Vac	22 A	10
Torque Limiting					
ATS01N106FT	230 Vac	1 Phase	230/240 Vac	6 A	1/2
High Power					
ATS01N244LY	230 Vac	3 Phase	230/240 Vac	32 A	15

For more information

Visit our Web site at www.us.telemecanique.com/products/Motor_Control/Soft_Starters/index.html for more information on Altistart 01 mini soft starts. The following literature is available from your authorized Square D distributor or Schneider Electric sales office:

- Altistart 01 Soft Start Brochure, document number 8637BR0401
- Altistart 01 Soft Start Catalog, document number 8637CT0401

For technical support, please call 888-SQUARED.

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