

Schneider Electric Soft Starters

Product information sheet: Altistart 01, Altistart 22 and Altivar ATS480.

Stock code	Description	Rating
B/ATS01N222QN	Altistart 01 soft starter	22 A, 7.5-11 kW, 380-415 V
H/ATS01N222QN	Altistart 01 soft starter	22 A, 7.5-11 kW, 380-415 V
S/ATS01N209QN	Altistart 01 soft starter	9 A, 4 kW, 380-415 V
B/ATS01N206QN	Altistart 01 soft starter	6 A, 1.5-3 kW, 380-415 V
S/ATS22D62S6U	Altistart 22 soft starter	62 A, 15-50 hp, 208-600 V
S/ATS480C48Y	Altivar ATS480 soft starter	480 A, 132-500 kW, 208-690 V

B/ATS01N222QN and H/ATS01N222QN are the same Schneider part under two supplier codes.

B/ATS01N222QN

Soft starter for asynchronous motor - ATS01 - 22 A - 380..415 V - 7.5..11 kW

Compact DIN-rail Altistart 01 soft starter with integrated bypass for simple machines such as pumps, conveyors, fans and compressors.

Range / series	Altistart 01 (ATS01)
Rated current (IcL)	22 A
Motor power	7.5 to 11 kW at 380-415 V, 3-phase (10 to 15 hp)
Supply voltage	380-415 V, +/-10%, 3-phase
Frequency	50/60 Hz (network 47.5-63 Hz)
Start / stop	Voltage ramp, adjustable 1 to 10 s
Bypass	Integrated bypass
Protection / mounting	IP20, DIN rail
Operating temperature	-10 to 40 deg C
Dimensions (approx.)	154 x 45 x 131 mm (H x W x D), converted from 6.06 x 1.77 x 5.16 in
Weight	About 0.45 kg (distributors list 0.45 to 0.56 kg)
EAN	3389110667318

H/ATS01N222QN

Soft starter for asynchronous motor - ATS01 - 22 A - 380..415 V - 7.5..11 kW

Same Schneider part as B/ATS01N222QN above (supplier code H/).

Range / series	Altistart 01 (ATS01)
Rated current (IcL)	22 A
Motor power	7.5 to 11 kW at 380-415 V, 3-phase
Supply voltage	380-415 V, +/-10%, 3-phase
Full specification	Identical to B/ATS01N222QN (see above)

S/ATS01N209QN

Soft starter for asynchronous motor - ATS01 - 9 A - 380..415 V - 4 kW

One of the smallest soft starters on the market at 45 mm wide, with integrated bypass to reduce noise and heat dissipation.

Range / series	Altistart 01 (ATS01)
Rated current (IcL)	9 A
Motor power	4 kW at 380-415 V, 3-phase
Supply voltage	380-415 V, +/-10% (limits 342-456 V)
Frequency	50/60 Hz +/-5% (network 47.5-63 Hz)
Utilisation category	AC-53B, EN/IEC 60947-4-2
Current consumption	45 A at nominal load
Start / stop	Voltage ramp, adjustable 1 to 10 s; 1 s / 100 starts per hour, 5 s / 20, 10 s / 10
Control	2 controlled phases; 2 logic inputs (run/stop), 1 BOOST input, 1 logic output, 1 relay output
Power dissipation	4 W at full load; 94 W in transient state
Protection / mounting	IP20, DIN rail
Operating temperature	-10 to 40 deg C
Dimensions / weight	124 x 45 x 131 mm (H x W x D); 0.42 kg
EAN	3389110667233

B/ATS01N206QN

Soft starter for asynchronous motor - ATS01 - 6 A - 380..415 V - 1.5..3 kW

DIN-rail Altistart 01 for small machines: conveyors, pumps, fans, compressors, automatic doors and gates, small cranes and belt-driven machinery.

Range / series	Altistart 01 (ATS01)
Rated current (IcL)	6 A
Motor power	1.5 / 2.2 / 3 kW at 380-415 V, 3-phase
Supply voltage	380-415 V, +/-10%
Frequency	50/60 Hz
Utilisation category	AC-53B, EN/IEC 60947-4-2
Current consumption	30 A at nominal load
Start / stop	Voltage ramp, adjustable 1 to 10 s
Indicators	Green LED (powered up), yellow LED (nominal voltage reached)
Protection / mounting	IP20, DIN rail
Operating temperature	-10 to 40 deg C
Dimensions	124 x 45 x 130.7 mm (H x W x D)
EAN	3389110667202

S/ATS22D62S6U

Soft starter - ATS22 - control 110 V - power 208 V (15 hp) / 230 V (20 hp) / 460 V (40 hp) / 575 V (50 hp)

Altistart 22 soft start/soft stop unit with torque control, integrated bypass, built-in display terminal and Modbus, for applications up to 50 hp.

Range / series	Altistart 22 (ATS22)
Rated current	62 A (some distributors list 63 A)
Motor power	15 hp at 208 V, 20 hp at 230 V, 40 hp at 460 V, 50 hp at 575 V
Supply voltage	208-600 V (-15% / +10%), 3-phase
Frequency	50/60 Hz, +/-10%
Control voltage	110 V AC
Bypass	Integrated bypass; 6 power terminals instead of 12
Communication	Embedded Modbus port (RJ45); remote keypad option; SoMove PC software
Protection / mounting	IP20, wall / panel mount
Operating temperature	-10 to 40 deg C without derating; 40 to 60 deg C with 2.2% derating per deg C; storage -25 to 70 deg C
Standard / approvals	IEC 60947-4-2, UL, CSA, CE, RoHS
Dimensions / weight	295 x 145 x 207 mm (H x W x D); about 12 kg
UPC	785901692287

S/ATS480C48Y

Altivar Soft Starter ATS480 - 480 A - 208...690 V AC - control supply 110...230 V AC

High-power Altivar Soft Starter ATS480 with Torque Control System (TCS), dynamic braking and DC injection for high-inertia loads. Same footprint, fixing, I/O and menus as the ATS48.

Range / series	Altivar Soft Starter ATS480
Rated current (Ie)	480 A, normal duty (at below 40 deg C)
Motor power	132 to 500 kW depending on mains voltage
Supply voltage	208-690 V AC, 3-phase; rated insulation voltage 690 V
Control supply	110-230 V AC (+10% / -15%), 50/60 Hz
Frequency	50/60 Hz, +/-20%
Control method	Torque Control System (TCS) for acceleration and deceleration
Stopping	Dynamic braking and DC injection for high-inertia applications
Connection	In-line or inside the delta (reduces operational current); embedded delta test routine
Communication / I/O	Modbus serial (RJ45); 3 relay outputs; programmable digital and analog I/O
Protection / pollution	IP00; pollution degree 3
Standard	IEC 60947-4-2, UL 60947-4-2 (distributor listing)
Dimensions / weight	approx. 670 x 400 x 314 mm (H x W x D), converted from 26.38 x 15.75 in; 51.4 kg
UPC	606481089147

Notes and sources

Stock codes come from the product listings supplied. Technical data is compiled from Schneider Electric datasheets and distributor listings (Newark, RS, Mouser/Schneider datasheet, Cooper Electric, Standard Electric Supply, Lakeland Engineering, Inverter Drive Systems, Buerklin). Dimensions marked approx. were converted from inch values. Where

distributors disagree (for example ATS22D62S6U rated current, 62 A vs 63 A, or ATS01N222QN weight) the range or the Schneider part-number value is shown. Confirm critical figures against the current Schneider datasheet before specifying or ordering.