



## soft starter □ATS22C32Q

URL:<https://www.sxplc.com/soft-starter-ats22c32q>

### Product data sheet

ATS22C32Q	Range of product	Altistart 22
	product or component type	Soft starter
	product destination	Asynchronous motors
	Product specific application	Pumps and fans
	Component name	ATS22
	Network number of phases	3 phases
	[Us] rated supply voltage	230...440 V - 15...10 %
	Motor power kW	160 kW 400 V 160 kW 440 V 90 kW 230 V
	Factory setting current	285 A
	Power dissipation in W	150 W for standard applications
	Utilisation category	AC-53A
	Type of start	Start with torque control (current limited to 3.5 In)
	IcL starter rating	320 A for connection in the motor supply line for standard applications
	IP degree of protection	IP00

Complementary	Assembly style	With heat sink
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Function available	Internal bypass
Supply voltage limits	195...484 V
Supply frequency	50...60 Hz - 10...10 %
Network frequency	45...66 Hz
Device connection	To the motor delta terminals In the motor supply line
[Uc] control circuit voltage	230 V - 15...10 % 50/60 Hz
Control circuit consumption	20 W
Discrete output number	2
Discrete output type	Relay outputs R1 230 V running, alarm, trip, stopped, stopped, starting, ready C/O Relay outputs R2 230 V running, alarm, trip, stopped, stopped, starting, ready C/O
Minimum switching current	100 mA at 12 V DC (relay outputs)
Maximum switching current	5 A 250 V AC resistive 1 relay outputs 5 A 30 V DC resistive 1 relay outputs 2 A 250 V AC inductive 0.4 20 ms relay outputs 2 A 30 V DC inductive 7 ms relay outputs
Discrete input number	3
Discrete input type	(LI1, LI2, LI3) logic, 5 mA 4.3 kOhm
Discrete input voltage	24 V ≤ 30 V
Discrete input logic	Positive logic LI1, LI2, LI3 at State 0: < 5 V and ≤ 2 State 1: > 11 V, ≥ 5 mA
Output current	0.4...1 Icl adjustable
PTC probe input	750 Ohm
Communication port protocol	Modbus
Connector type	1 RJ45
Communication data link	Serial
Physical interface	RS485 multidrop
Transmission rate	4800, 9600 or 19200 bps

Installed device	31
Protection type	Phase failure: line External thermal protection: motor External thermal protection: starter
marking	CE
Type of cooling	Forced convection
Operating position	Vertical +/- 10 degree
Height	425 mm
Width	206 mm
Depth	299 mm
net weight	33 kg
Motor power range AC-3	55...100 kW at 200...240 V 3 phases 110...220 kW at 380...440 V 3 phases
Motor starter type	Soft starter

Environment	Electromagnetic compatibility	Conducted and radiated emissions level A conforming to 60947-4-2 Damped oscillating waves level 3 conforming to IEC 61000-4-2 Electrostatic discharge level 3 conforming to IEC 61000-4-2 Immunity to electrical transients level 4 conforming to IEC 61000-4-4 Immunity to radiated radio-electrical interference level 3 conforming to IEC 61000-4-3 Voltage/current impulse level 3 conforming to IEC 61000-4-4
	Standards	EN/IEC 60947-4-2
	Product certifications	UL CCC C-Tick CSA

	GOST
Vibration resistance	1 gn (f= 13...200 Hz) conforming to EN/IEC 60068-2-6 1.5 mm (f= 2...13 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to EN/IEC 60068-2-27
Noise level	56 dB
Pollution degree	Level 2 conforming to IEC 60664-1
Relative humidity	0...95 % without condensation or dripping water conforming to EN/IEC 60068-2-3
Ambient air temperature for operation	-10...40 °C (without derating) 40...60 °C (with current derating 2.2 % per °C)
ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without derating > 1000...< 2000 m with current derating of 2.2 % per additional 100 m

Packing Units	Unit Type of Package 1	PCE
	Number of Units in Package 1	1
	Package 1 Height	49.0 cm
	Package 1 Width	36.5 cm
	Package 1 Length	54.5 cm
	Package 1 Weight	24.5 kg

