

soft starter for asynchronous motor, Altistart 48, 285A, 230 to 415V, 75 to 250kW

ATS48C32Q

- ! Discontinued on: 31-Dec-2023
- ! To be end-of-service on: 31-Dec-2030

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	230415 V - 1510 %	
power supply frequency	5060 Hz - 55 %	
75 kW at 230 V connection in the motor supply line for severe application 90 kW at 230 V connection in the motor supply line for standard application 132 kW at 230 V connection to the motor delta terminals for severe application 132 kW at 400 V connection in the motor supply line for severe application 160 kW at 230 V connection to the motor delta terminals for standard application 160 kW at 400 V connection in the motor supply line for standard application 160 kW at 400 V connection to the motor delta terminals for severe application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection to the motor delta terminals for standard application 160 kW at 400 V connection 160 kW at 400 V conn		

Complementary

Device connection	In the motor supply line	
	To the motor delta terminals	
Protection type	Phase failure: line	
	Thermal protection: motor	
	Thermal protection: starter	
Standards	IEC 60947-4-2	
Product certifications	C-Tick	
	CCC	
	DNV	
	SEPRO	
	NOM 117	
	CSA	
	TCF	
	GOST	
	UL	
Marking	CE	
Discrete input number	5	
Discrete input type	PTC, 750 Ohm at 25 °C	
	(Stop, Run, Ll3, Ll4) logic, <= 8 mA 4300 Ohm	
Discrete input logic	Positive logic Stop, Run, LI3, LI4 at State 0: < 5 V and <= 2 mA at State 1: > 11 V, >=	
	5 mA	

Minimum switching current	10 mA at 6 V DC for 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, impedance <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	380 mm	
Width	320 mm	
Depth	265 mm	
Net weight	18.2 kg	

Environment

Electromagnetic compatibility	Conducted and radiated emissions level A conforming to IEC 60947-4-2 Damped oscillating waves level 3 conforming to IEC 61000-4-12 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 61000-4-5	
Relative humidity	095 % without condensation or dripping water conforming to IEC 60068-2-3	
Ambient air temperature for operation	4060 °C (with current derating of 2 % per °C) -1040 °C (without derating)	
Ambient air temperature for storage	-2570 °C	
Operating altitude	<= 1000 m without derating > 10002000 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	42.500 cm
Package 1 Width	46.000 cm
Package 1 Length	51.000 cm
Package 1 Weight	20.000 kg

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

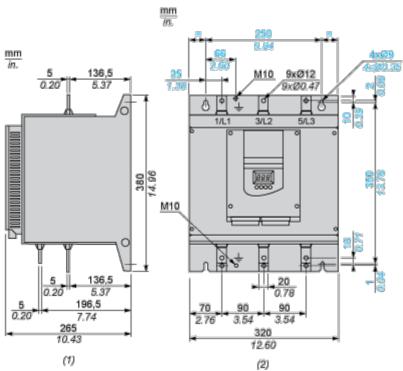
Use Better

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	A01d337b-c90b-487d-914d-434d8cb11437
Use Again	

○ Repack and remanufacture	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



- (1) Right View
- (2) Front View

Mounting and Clearance

Clearance

