

(!) Discontinued

soft starter for asynchronous motor - ATS48 - 675 A - 230..415 V - 220..630 KW

ATS48C79Q

- ! Discontinued on: Aug 7, 2023
- ! To be end-of-service on: Dec 31, 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 %	
Motor power kW	630 kW at 400 V connection to the motor delta terminals for standard applications 220 kW at 230 V connection in the motor supply line for standard applications 315 kW at 230 V connection to the motor delta terminals for severe applications 355 kW at 230 V connection to the motor delta terminals for standard applications 355 kW at 400 V connection in the motor supply line for severe applications 400 kW at 400 V connection in the motor supply line for standard applications 500 kW at 400 V connection to the motor delta terminals for severe applications	

## 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	SEPRO	
	C-Tick	
	TCF	
	GOST	
	UL	
	CCC	
	CSA	
	DNV	
	NOM 117	
Marking	CE	
Discrete input number	5	
Discrete input type	PTC, 750 Ohm at 25 °C	
	(Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm	
Discrete input logic	Positive logic Stop, Run, Ll3, Ll4 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	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	890 mm	
Width	770 mm	
Depth	315 mm	
Net weight	115 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	61.000 cm
Package 1 Width	91.000 cm
Package 1 Length	103.000 cm
Package 1 Weight	123.000 kg

# **Contractual warranty**



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**

Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	3439310f-1deb-4b4b-8667-1df94274da76
se Again	

#### Use Again

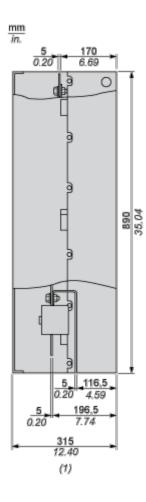
○ Repack and remanufacture	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

# **Product datasheet**

## **ATS48C79Q**

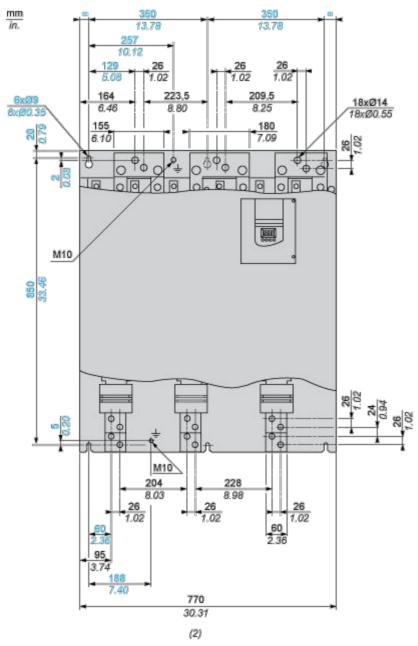
**Dimensions Drawings** 

**Dimensions** 



## **Product datasheet**

### **ATS48C79Q**



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

Mounting and Clearance

### Clearance

