

# Product datasheet

Specifications



soft starter for asynchronous motor,  
Altistart 48, 302A, 208..690V,  
75..315kW

ATS48C32Y

! Discontinued

! Discontinued on: 31 Mar 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	208...690 V - 15...10 %
Power Supply Frequency	50...60 Hz - 5...5 %
Motor Power Kw	132 kW at 400 V for severe applications 132 kW at 440 V for severe applications 160 kW at 400 V for standard applications 160 kW at 440 V for standard applications 160 kW at 500 V for severe applications 160 kW at 525 V for severe applications 220 kW at 500 V for standard applications 220 kW at 525 V for standard applications 220 kW at 660 V for severe applications 250 kW at 660 V for standard applications 250 kW at 690 V for severe applications 315 kW at 690 V for standard applications 75 kW at 230 V for severe applications 90 kW at 230 V for standard applications
Motor Power Hp	100 hp at 208 V for standard applications 100 hp at 230 V for severe applications 125 hp at 230 V for standard applications 200 hp at 460 V for severe applications 250 hp at 460 V for standard applications 250 hp at 575 V for severe applications 300 hp at 575 V for standard applications 75 hp at 208 V for severe applications

## Complementary

Device Connection	In the motor supply line
Protection Type	Phase failure: line Thermal protection: motor Thermal protection: starter
Standards	EN/IEC 60947-4-2

<b>Product Certifications</b>	C-Tick NOM 117 SEPRO CSA UL CCC TCF DNV GOST
<b>Marking</b>	CE
<b>Discrete Input Number</b>	5
<b>Discrete Input Type</b>	PTC, 750 Ohm at 25 °C (Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm
<b>Discrete Input Logic</b>	Positive logic Stop, Run, LI3, LI4 at State 0: < 5 V and <= 2 mA at State 1: > 11 V, >= 5 mA
<b>Minimum Switching Current</b>	10 mA at 6 V DC for relay outputs
<b>Discrete Output Number</b>	2
<b>Discrete Output Type</b>	(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
<b>Analogue Output Type</b>	Current output AO: 0-20 mA or 4-20 mA, impedance <500 Ohm
<b>Communication Port Protocol</b>	Modbus
<b>Connector Type</b>	1 RJ45
<b>Communication Data Link</b>	Serial
<b>Physical Interface</b>	RS485 multidrop
<b>Transmission Rate</b>	4800, 9600 or 19200 bps
<b>Function Available</b>	External bypass (optional)
<b>Operating Position</b>	Vertical +/- 10 degree
<b>Height</b>	380 mm
<b>Width</b>	320 mm
<b>Depth</b>	265 mm
<b>Net Weight</b>	18.2 kg

## Environment

<b>Electromagnetic Compatibility</b>	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
<b>Relative Humidity</b>	0...95 % without condensation or dripping water conforming to EN/IEC 60068-2-3
<b>Ambient Air Temperature For Operation</b>	40...60 °C (with current derating of 2 % per °C) -10...40 °C (without derating)
<b>Ambient Air Temperature For Storage</b>	-25...70 °C
<b>Operating Altitude</b>	<= 1000 m without derating > 1000...2000 m with current derating of 2.2 % per additional 100 m

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
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Number Of Units In Package 1	1
Package 1 Height	75.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	33.000 kg

## Contractual warranty

Warranty	18 months
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## Sustainability


**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

 Mercury Free

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 Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)

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**China Rohs Regulation** [China RoHS declaration](#)

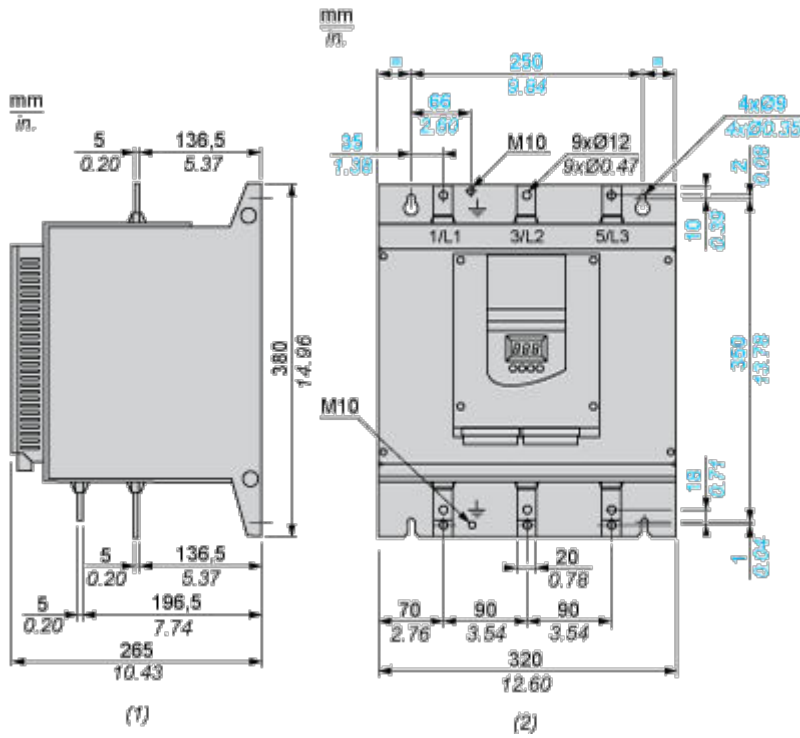
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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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Dimensions Drawings

Dimensions



(1) Right View  
(2) Front View

Mounting and Clearance

Clearance

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