

# soft starter for asynchronous motor - ATS48 - 69 A - 230..415 V - 15..55 KW

ATS48D75Q

- ! Discontinued on: Aug 7, 2023
- ! To be end-of-service on: Dec 31, 2030

(!) Discontinued - Service only

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	55 kW at 400 V connection to the motor delta terminals for standard applications 55 kW at 400 V connection to the motor delta terminals for severe applications 15 kW at 230 V connection in the motor supply line for severe applications 18.5 kW at 230 V connection in the motor supply line for standard applications 30 kW at 230 V connection to the motor delta terminals for severe applications 30 kW at 400 V connection in the motor supply line for severe applications 37 kW at 230 V connection to the motor delta terminals for standard applications 37 kW at 400 V connection in the motor supply line for standard applications

## Complementary

Device connection	To the motor delta terminals In the motor supply line
Protection type	Phase failure: line Thermal protection: motor Thermal protection: starter
Standards	EN/IEC 60947-4-2
Product certifications	DNV GOST UL NOM 117 CCC CSA C-Tick TCF SEPRO
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

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

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	290 mm
Width	190 mm
Depth	235 mm
Net weight	8.3 kg

### **Environment**

Electromagnetic compatibility	Conducted and radiated emissions level A conforming to IEC 60947-4-2 Conducted and radiated emissions level B 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 EN/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**

9	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	36 cm
Package 1 Width	30.5 cm
Package 1 Length	39 cm
Package 1 Weight	10.266 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	73.5 cm
Package 2 Width	80 cm
Package 2 Length	60 cm

Package 2 Weight

33.532 kg

# **Contractual warranty**

Warranty

18 months

#### **Sustainability**

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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 >

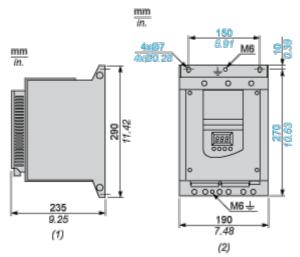
### Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Reach Regulation	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### **ATS48D75Q**

#### **Dimensions Drawings**

#### **Dimensions**



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

Mounting and Clearance

#### Clearance

