

soft starter for asynchronous motor - ATS48 - 233 A - 230..415 V - 55..220 KW

ATS48C25Q

! Discontinued on: 17 Feb 2023

! Discontinued

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 230 V connection in the motor supply line for severe applications 75 kW at 230 V connection in the motor supply line for standard applications 110 kW at 230 V connection to the motor delta terminals for severe applications 110 kW at 400 V connection in the motor supply line for severe applications 132 kW at 230 V connection to the motor delta terminals for standard applications 132 kW at 400 V connection in the motor supply line for standard applications 160 kW at 400 V connection to the motor delta terminals for severe applications 220 kW at 400 V connection to the motor delta terminals 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	C-Tick CCC UL NOM 117 CSA DNV SEPRO GOST TCF	
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	

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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 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

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	42.000 cm
Package 1 Width	46.000 cm
Package 1 Length	51.500 cm
Package 1 Weight	21.636 kg

Contractual warranty

Warranty 18 months

Sustainability

Weee

Green PremiumTM 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-CO₂ 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

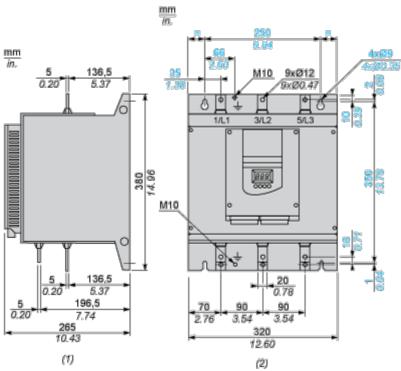
Mercury Free		
Rohs Exemption Information	Yes	
Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	

collection and never end up in rubbish bins

The product must be disposed on European Union markets following specific waste

Dimensions Drawings

Dimensions



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

Mounting and Clearance

Clearance

