

Product data sheet Characteristics

ATS48C66Q

soft starter for asynchronous motor - ATS48 - 605 A - 230..415 V - 160..500 KW



Main Range of product Altistart 48 Product or component Soft starter type Product destination Asynchronous motors Product specific Heavy duty industry and pumps application Device short name ATS48 Utilisation category AC-53A Ue power supply 230...415 V - 15...10 % voltage Power supply frequency 50...60 Hz - 5...5 % Motor power kW 160 KW at 230 V connection in the motor supply line for severe applications 315 KW at 230 V connection to the motor delta terminals for standard applications 315 KW at 400 V connection in the motor supply line for severe applications 355 KW at 400 V connection in the motor supply line for standard applications 400 KW at 400 V connection to the motor delta terminals for severe applications 500 kW at 400 V connection to the motor delta terminals for standard applications

Complementary

To the motor delta terminals In the motor supply line
Phase failure: line Thermal protection: motor Thermal protection: starter
EN/IEC 60947-4-2
DNV[RETURN]SEPRO[RETURN]TCF[RETURN]CCC[RETURN]UL[RETURN]CSA[I117[RETURN]C-Tick[RETURN]GOST
CE
5
PTC, 750 Ohm at 25 °C (Stop, Run, Ll3, Ll4) logic, <= 8 mA 4300 Ohm
Positive logic Stop, Run, LI3, LI4 at State 0: < 5 V and <= 2 mA at State 1: > 11 V, >= 5 mA
10 mA at 6 V DC for relay outputs
2
(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
Current output AO: 0-20 mA or 4-20 mA, impedance <500 Ohm
Modbus
1 RJ45
Serial
RS485 multidrop
4800, 9600 or 19200 bps

teristics of the performance of the products contained herein. or reliability of these products for specific user applications. Institute of the products with respect to the relevant specific application or use thereof, or liable for misuse of the information contained herein. The information provided in this documentation contains general descriptions and/or technical characteristics commentation is not intended as a substitute for and is not to be used for determining suitability or. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, edilust Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or its affiliates.

Function available	External bypass (optional)
Operating position	Vertical +/- 10 degree
Height	670 mm
Width	400 mm
Depth	300 mm
Net weight	51.4 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

r doking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	39.0 cm
Package 1 Width	59.0 cm
Package 1 Length	78.0 cm
Package 1 Weight	53.405 kg
Unit Type of Package 2	P06
Number of Units in Package 2	1
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	63.32 kg

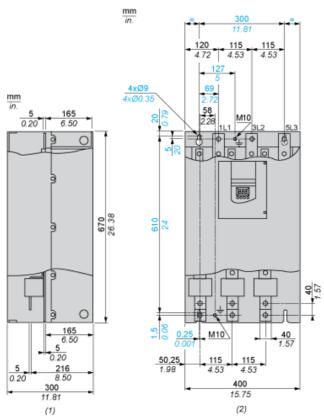
Offer Sustainability

REACh Declaration
Pro-active compliance (Product out of EU RoHS legal scope)
Yes
☑ China RoHS Declaration
₽¥Yes
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

\Marranti,	10 months
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Dimensions



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

Product data sheet Mounting and Clearance

ATS48C66Q

Clearance

