

ATS48C17Y

soft starter for asynchronous motor, Altistart 48,
156A, 208 to 690V, 37 to 160kW

Product availability: Non-Stock - Not normally stocked in distribution facility



Commercial status

This Product is Obsolete : MAY 02, 2023

⚠ This Product is Obsolete

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
[Us] rated supply voltage	208...690 V - 15...10 %
Supply frequency	50...60 Hz - 5...5 %
Motor power kW	110 KW 500 V for standard applications 110 KW 525 V for standard applications 110 KW 660 V for severe applications 110 KW 690 V for severe applications 132 KW 660 V for standard applications 160 KW 690 V for standard applications 37 KW 230 V for severe applications 45 KW 230 V for standard applications 75 KW 400 V for severe applications 75 KW 440 V for severe applications 90 KW 400 V for standard applications 90 KW 440 V for standard applications 90 KW 500 V for severe applications 90 KW 525 V for severe applications
Maximum Horse Power Rating	100 Hp 460 V for severe applications 125 Hp 460 V for standard applications 125 Hp 575 V for severe applications 150 Hp 575 V for standard applications 40 Hp 208 V for severe applications 50 Hp 208 V for standard applications 50 Hp 230 V for severe applications 60 Hp 230 V for standard applications

Complementary

Device connection	In the motor supply line
Protection type	Phase failure line Thermal protection motor Thermal protection starter
Standards	IEC 60947-4-2
Product Certifications	GOST[RETURN]CCC[RETURN]C-tick[RETURN]TCF[RETURN]SEPRO[RETURN]NOM 117[RETURN]
Marking	CE
Discrete input number	5
Discrete input type	PTC, 750 Ohm 77 °F (25 °C) Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm
Discrete input logic	Positive logic Stop, Run, LI3, LI4 < 5 V <= 2 mA > 11 V, >= 5 mA
Minimum switching current	10 MA 6 V DC 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 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	13.4 In (340 mm)
Width	7.9 In (200 mm)
Depth	10.4 In (265 mm)
Product Weight	27.3 Lb(US) (12.4 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	0...95 % without condensation or dripping water IEC 60068-2-3
Ambient air temperature for operation	104...140 °F (40...60 °C) (with current derating of 2 % per °C) 14...104 °F (-10...40 °C) (without derating)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Operating altitude	<= 3280.84 ft (1000 m) without derating > 3280.84...6561.68 ft (> 1000...2000 m) with current derating of 2.2 % per additional 100 m

Ordering and shipping details

Category	US1CP1G22579
Discount Schedule	CP1G
GTIN	3389110982381
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	13.4 In (34.0 cm)
Package 1 Width	16.9 In (43.0 cm)
Package 1 Length	18.1 In (46.0 cm)
Package weight(Lbs)	32.897 Lb(US) (14.922 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	28.9 In (73.5 cm)
Package 2 Width	31.5 In (80.0 cm)
Package 2 Length	23.6 In (60.0 cm)
Package 2 Weight	90.4 Lb(US) (41.0 kg)

Environmental data

Mercury free	Yes
Sustainable packaging	No
SCIP Number	A01d337b-c90b-487d-914d-434d8cb11437
EU RoHS Directive	Compliant By Exemption 
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
WEEE Label	The product must be disposed on European Union markets following specific waste collection and n

Contractual warranty

Warranty (in months)	18
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Product Life Status : **Post commercialisation**

ATS48C17Y may be replaced by any of the following products:



ATS480C17Y

Soft starter, Altistart 480, 170A, 208 to 690V AC, control supply 110 to 230V AC

Qty 1

Substitution date: |