

ATS48C66Y

soft starter for asynchronous motor, Altistart 48, 590A, 208 to 690V, 160 to 630kW

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



Commercial status

This Product is Obsolete : AUG 07, 2023

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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	160 KW 230 V for severe applications 315 KW 400 V for severe applications 355 KW 400 V for standard applications 355 KW 440 V for severe applications 400 KW 440 V for standard applications 400 KW 500 V for severe applications 400 KW 525 V for severe applications 560 KW 660 V for severe applications 560 KW 690 V for severe applications 630 KW 660 V for standard applications 630 KW 690 V for standard applications
Maximum Horse Power Rating	200 Hp 208 V for standard applications 200 Hp 230 V for severe applications 250 Hp 230 V for standard applications 400 Hp 460 V for severe applications 500 Hp 460 V for standard applications 500 Hp 575 V for severe applications 600 Hp 575 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	SEPRO[RETURN]DNV[RETURN]CCC[RETURN]NOM 117[RETURN]CSA[RE- TURN]UL[RETURN]GOST[RETURN]TCF[RETURN]C-tick
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	26.4 In (670 mm)
Width	15.7 In (400 mm)
Depth	11.8 In (300 mm)
Net Weight	113.3 Lb(US) (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	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	3389110982527
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.28 In (51.5 cm)
Package 1 Width	23.23 In (59 cm)
Package 1 Length	30.71 In (78 cm)
Package 1 Weight	120.2 Lb(US) (54.5 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	1
Package 2 Height	29.53 In (75 cm)

Package 2 Width	23.62 In (60 cm)
Package 2 Length	31.50 In (80 cm)
Package 2 Weight	138.9 Lb(US) (63 kg)

Environmental data

SCIP Number	3439310f-1deb-4b4b-8667-1df94274da76
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

ATS48C66Y may be replaced by any of the following products:



ATS480C66Y

Soft starter, Altistart 480, 660A, 208 to 690V AC, control supply 110 to 230V AC

Qty 1

Substitution date: |