



Principal

Range of product	Altistart 48
Tipo de producto o componente	Arrancador suave
Destino del produc	Motores asíncronos
Product specific application	Cargas pesadas y bombeo
Nombre corto del dispositivo	ATS48
Tensión de alimentación	208...690 V (- 15...10 %)
Potencia del motor en kW	110 kW at 660 V for standard applications 110 kW at 690 V for standard applications 30 kW at 230 V for severe applications 37 kW at 230 V for standard applications 55 kW at 400 V for severe applications 55 kW at 440 V for severe applications 75 kW at 400 V for standard applications 75 kW at 440 V for standard applications 75 kW at 500 V for severe applications 75 kW at 525 V for severe applications 90 kW at 500 V for standard applications 90 kW at 525 V for standard applications 90 kW at 660 V for severe applications 90 kW at 690 V for severe applications
Motor power hp	100 hp at 460 V for standard applications 100 hp at 575 V for severe applications 125 hp at 575 V for standard applications 30 hp at 208 V for severe applications 40 hp at 208 V for standard applications 40 hp at 230 V for severe applications 50 hp at 230 V for standard applications 75 hp at 460 V for severe applications
Power dissipation in W	For standard applications 306 W For standard applications 391 W
Categoría de empleo	AC-53A
Tipo de arranque	Arranque con control de par (corriente limitada a 5 In)
Intensidad nominal	110 A for standard applications 140 A for standard applications

IP degree of protection	IP00
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Complementario

Assembly style	Con disipación de calor
Función disponible	Desviación externa (opcional)
Límites de voltaje de alimentación	177...759 V
Frecuencia de alimentación	50...60 Hz (- 5...5 %)
Límites de frecuencia de suministro de energía	47,5...63 Hz
Conexión de dispositivo en env	En la línea sumin. motor
Ajuste de fábrica actual	124 A
Control circuit voltage	110 - 15 % to 230 + 10 %, 50/60 Hz
Consumo de circuito de control	30 W
Discrete output number	2
Salida discreta	(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
Precisión absoluta salida	+/- 5 %
Corriente mínima de conmutación	Relay outputs 10 mA at 6 V DC
Maximum switching current	Logic output 0.2 A at 30 V DC Relay outputs 1.8 A at 230 V AC inductive load, cos phi = 0.5, L/R = 20 ms Relay outputs 1.8 A at 30 V DC inductive load, cos phi = 0.5, L/R = 20 ms
Discrete input number	5
Entrada discreta	PTC, 750 Ohm at 25 °C (Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm
Voltaje entrada	24 V (<= 30 V)
Discrete input logic	Positive logic (Stop, Run, LI3, LI4) state 0 < 5 V and <= 2 mA, state 1 > 11 V and >= 5 mA
Intesidad de arranque	Adjustable 0.4...1.3 Icl
Tipo de salida analógica	(AO) salida corriente 0-20 mA o 4-20 mA <= 500 Ohm
Protocolo del puerto de comunicación	Modbus
Tipo de conector	1 RJ45
Enlace datos comunicación	Serie
Interface física	Multipunto RS485
Transmission rate	4800, 9600 o 19200 bps
Max número de nodos	31
Protection type	Phase failure (line) Thermal protection (motor) Thermal protection (starter)
Marcado	CE
Tipo de refrigeración	Convenc forzada
Posición de funcionamiento	Vertical +/- 10 grados
Altura	340 mm
Anchura	200 mm
Profundidad	265 mm
Peso del producto	12.4 kg
Motor power range AC-3	30...50 kW at 200...240 V 3 phases 55...100 kW at 380...440 V 3 phases 55...100 kW at 480...500 V 3 phases
Motor starter type	Arrancador suave

Entorno

Compatibilidad electromagnética	Conducted and radiated emissions conforming to IEC 60947-4-2 level A Conducted and radiated emissions conforming to IEC 60947-4-2 level B Damped oscillating waves conforming to IEC 61000-4-12 level 3 Electrostatic discharge conforming to IEC 61000-4-2 level 3
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Immunity to electrical transients conforming to IEC 61000-4-4 level 4
 Immunity to radiated radio-electrical interference conforming to IEC 61000-4-3 level 3
 Voltage/Current impulse conforming to IEC 61000-4-5 level 3

Standards	EN/IEC 60947-4-2
Certificaciones de producto	CCC CSA C-Tick DNV GOST NOM 117 SEPRO TCF UL
Resistencia a las vibraciones	1 gn (f = 13...200 Hz) conforming to EN/IEC 60068-2-6 1.5 mm (f = 2...13 Hz) conforming to EN/IEC 60068-2-6
Resistencia a los choques	15 gn for 11 ms conforming to EN/IEC 60068-2-27
Nivel de ruido	50 dB
Pollution degree	Level 3 conforming to IEC 60664-1
Humedad relativa	0...95 % without condensation or dripping water conforming to EN/IEC 60068-2-3
Ambient air temp for op	-10...40 °C sin desclasificación > 40...60 °C con desclasificación de corriente del 2% por cada °C
Temperatura ambiente de almacenamiento	-25...70 °C
Altitud máxima de funcionamiento	<= 1000 m without derating > 1000...2000 m with current derating of 2.2 % per additional 100 m

Sostenibilidad de la oferta

Estado de la oferta sostenible	Producto Green Premium
RoHS (código de fecha: AASS)	Conforme - desde 1009 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	La referencia no contiene SVHC La referencia no contiene SVHC
Product environmental profile	Disponible Manual de gestión residuos
Product end of life instructio	Disponible

Garantía contractual

Period	18 months
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