

Ficha técnica del producto

Características

ATS01N209RT

soft starter for asynchronous motor - ATS01 - 9 A
- 460..480 V



Principal

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| Range of product | Altistart 01 |
| Tipo de producto o componente | Arrancador suave |
| Destino del produc | Motores asíncronos |
| Product specific application | Máquina simple |
| Nombre corto del dispositivo | ATS01 |
| Número de fases de la red | 3 fases |
| [Us] tensión de alimentación asignada | 460...480 V - 10...10 % |
| Motor power hp | 5 hp 3 phases 460...480 V |
| Bar aislado flexibles | 9 A |
| Categoría de utilización | AC-53B EN/IEC 60947-4-2 |
| Consumo de corriente | 45 A at nominal load |
| Tipo de arranque | Arranque con rampa de tensión |
| Power dissipation in W | 4 W at full load and at end of starting 94 W in transient state |

Complementario

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| Assembly style | Con disipación de calor |
| Función disponible | Desviación integrada |
| Supply voltage limits | 414...528 V |
| Frecuencia de alimentación | 50...60 Hz - 5...5 % |
| Frecuencia de red | 47,5...63 Hz |
| Tensión de salida | <= de la potencia de la tensión de alimentación |
| Control circuit voltage | Built into the starter |
| Hora de inicio | 1 s 100 10 s 10 5 s 20 Adjustable from 1 to 10 s |
| Símb. tiempo desaceler | Ajustable de 1 a 10 s |
| Par de arranque | 30...80 % de torque arranque motor conectado direct. a la alimentación de línea |
| Entrada discreta | Logic LI1, LI2, BOOST stop, run and boost on start-up functions <= 8 mA 27 kOhm |
| Tensión de entrada digital | 24...40 V |
| Discrete input logic | Positive LI1, LI2, BOOST < 5 V and <= 0.2 mA > 13 V >= 0.5 mA |

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| Montado en la pared del conducto | 2 A DC-13 3 A AC-15 |
| Salida discreta | Open collector logic LO1 end of starting signal Relay outputs R1A, R1C NO |
| Discrete output voltage | 24 V 6...30 V open collector logic |
| Corriente mínima de conmutación | 10 mA 6 V DC relay outputs |
| Maximum switching current | 2 A 250 V AC inductive cos phi = 0.5 20 ms relay outputs 2 A 30 V DC inductive cos phi = 0.5 20 ms relay outputs |
| Display type | 1 LED green starter powered up 1 LED yellow nominal voltage reached |
| Par de apriete | 0.5 N.m 1.9...2.5 N.m |
| Electrical connection | 4 mm screw clamp terminal rigid 1 1...10 mm ² AWG 8 power circuit Screw connector rigid 1 0.5...2.5 mm ² AWG 14 control circuit 4 mm screw clamp terminal rigid 2 1...6 mm ² AWG 10 power circuit Screw connector rigid 2 0.5...1 mm ² AWG 17 control circuit Screw connector flexible with cable end 1 0.5...1.5 mm ² AWG 16 control circuit 4 mm screw clamp terminal flexible without cable end 1 1.5...10 mm ² AWG 8 power circuit Screw connector flexible without cable end 1 0.5...2.5 mm ² AWG 14 control circuit 4 mm screw clamp terminal flexible with cable end 2 1...6 mm ² AWG 10 power circuit 4 mm screw clamp terminal flexible without cable end 2 1.5...6 mm ² AWG 10 power circuit Screw connector flexible without cable end 2 0.5...1.5 mm ² AWG 16 control circuit |
| Marcado | CE |
| Posición de funcionamiento | Vertical +/- 10 grados |
| Altura | 124 mm |
| Anchura | 45 mm |
| Profundidad | 131 mm |
| Peso del producto | 0.42 kg |
| Compatibility code | ATS01N2 |

Entorno

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| Compatibilidad electromagnética | Damped oscillating waves level 3 IEC 61000-4-12 Electrostatic discharge level 3 IEC 61000-4-2 Immunity to electrical transients level 4 IEC 61000-4-4 Immunity to radiated radio-electrical interference level 3 IEC 61000-4-3 Voltage/Current impulse level 3 IEC 61000-4-5 Conducted and radiated emissions level B CISPR 11 Conducted and radiated emissions level B IEC 60947-4-2 EMC immunity EN 50082-2 Harmonics IEC 1000-3-2 Harmonics IEC 1000-3-4 Immunity to conducted interference caused by radio-electrical fields level 3 IEC 61000-4-6 Micro-cuts and voltage fluctuation IEC 61000-4-11 EMC immunity EN 50082-1 |
| Standards | EN/IEC 60947-4-2 |
| Certificaciones de producto | B44.1-96/ASME A17.5 para arrancador cableado al terminal de triángulo del motor CCC CSA C-Tick GOST UL |
| IP degree of protection | IP20 |
| Pollution degree | 2 EN/IEC 60947-4-2 |
| Resistencia a las vibraciones | 1.5 mm peak to peak 3...13 Hz EN/IEC 60068-2-6 1 gn 13...150 Hz EN/IEC 60068-2-6 |
| Resistencia a los choques | 15 gn 11 ms EN/IEC 60068-2-27 |
| Humedad relativa | 5...95 % without condensation or dripping water EN/IEC 60068-2-3 |
| Ambient air temp for op | -10...40 °C sin desclasificación 40...50 °C con desclasificación de corriente del 2% por cada °C |
| Temperatura ambiente | -25...70 °C EN/IEC 60947-4-2 |
| Altitud máxima de funcionamiento | <= 1000 m without derating > 1000 m with current derating of 2.2 % per additional 100 m |

Garantía contractual

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| Period | 18 months |
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