

STP-DRVAC-24025 Cut Sheet



SureStep AC microstepping stepper drive, 2.5A per phase, 2-phase output, 90-240 VAC, bipolar, velocity and position mode, 200 to 25600 steps per revolution.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/STP-DRVAC-24025>

Technical Specifications

Brand	SureStep
Item	Stepper drive
Controller Type	Microstepping
Voltage Type	AC
Amperage Rating	2.5A per phase
Number of Input Phases	1
Number of Output Phases	2
Nominal Input Voltage	90-240 VAC
Winding Type Control	Bipolar
Output Type	MOSFET, dual H-bridge and 4-quadrant output
Current Control	4-state PWM at 20 kHz
Steps per Revolution	200 to 25600
Temperature Rating	0 to 40 deg C
Enclosure Type	Enclosed
IP Rating	IP20
Mounting	Panel
Control Mode	Velocity and position

Command Signal(s)	step and direction,CW/CCW
Number of Discrete Input Points	1
Discrete Input Type	Sinking/sourcing/line driver (differential)
Number of Discrete Output Points	1
Discrete Output Type	Sinking/sourcing
Tuning Mode	Pre-tuned per motor
Idle Current Reduction	Yes
Drive Features	Self-test, anti-resonance (electronic damping) and command signal filtering
Protection Type(s)	overvoltage,undervoltage,short circuit,over-temperature
Configuration	Rotary dial, dipswitches or jumpers
Additional Information	Optimized for use with high voltage MTRAC motors

Agency Approvals

UL Listed File #	None
UL Recognized File #	E198015
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document