

STP-DRV-4830 Cut Sheet



SureStep DC microstepping stepper drive, 3A per phase, 2-phase output, 12-48 VDC, 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-DRV-4830>

Technical Specifications

Brand	SureStep
Item	Stepper drive
Controller Type	Microstepping
Voltage Type	DC
Amperage Rating	3A per phase
Number of Output Phases	2
Nominal Input Voltage	12-48 VDC
Winding Type Control	Bipolar
Output Type	MOSFET, dual H-bridge and 4-quadrant output
Current Control	4-state PWM at 16 kHz
Steps per Revolution	200 to 25600
Temperature Rating	0 to 50 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)
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	Dipswitch

Agency Approvals

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