

SJDA-330-25.00 Solid State Relay

Single-Phase DC-Controlled / AC-Switched Solid State Relay (SSR) | Satronix



Satronix SJDA-330-25.00
Single-Phase Solid State Relay - 25 A - Input 3-32 VDC - Output 25-330 VAC

The Satronix SJDA-330-25.00 is a single-phase, panel-mount solid state relay that switches an AC load using a low-voltage DC control signal. It uses optically-isolated, zero-cross switching for silent, bounce-free, arc-free operation with a long service life, making it ideal for temperature and heater control where an electromechanical contactor would wear out. The unit accepts a 3-32 VDC control input and switches AC loads up to 25 A (with an adequate heat sink), with an on-board LED to indicate the control state.

General / Identification	
Model	SJDA-330-25.00
Type	Single-phase solid state relay (SSR), DC-to-AC
Switching action	Normally open (SPST-NO)
Mounting	Panel / chassis mount (hockey puck / puck style)
Control method	Zero-cross (zero-voltage) switching
Isolation	Optically isolated, input to output
Control (Input)	
Control voltage	3 - 32 VDC
Input status indication	LED
Output (Load)	
Load voltage	25 - 330 VAC
Load current	25 A (with adequate heat sink)
Line frequency	47 - 70 Hz
Off-state leakage current (I_{DRM})	10 mA
Mechanical / Environmental	
Terminals	4 screw terminals (for fork or ring lugs)
Terminal protection	Removable plastic terminal cover
Dielectric strength	High dielectric strength
Compliance marking	CE

Typical applications: temperature / heater control, ovens and furnaces, plastic processing and injection moulding, packaging and printing machinery, and general industrial AC load switching from PLC / controller outputs.

Specifications are taken from the manufacturer's published data and the unit marking and are subject to change without notice. Confirm against the current manufacturer manual before rated or safety-critical use.