

# Product datasheet

Specifications



solid state relay, Easy Harmony  
Solid State Relays, input 5 to 24V  
DC, output 24 to 240V AC, 50A,  
Zero cross switching

SSP1A150BDE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

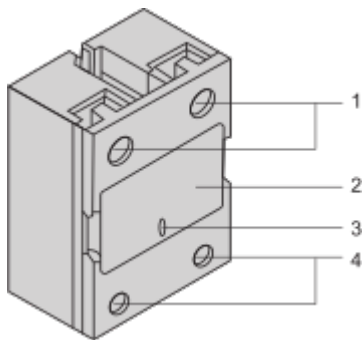
### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Technical Description

Description

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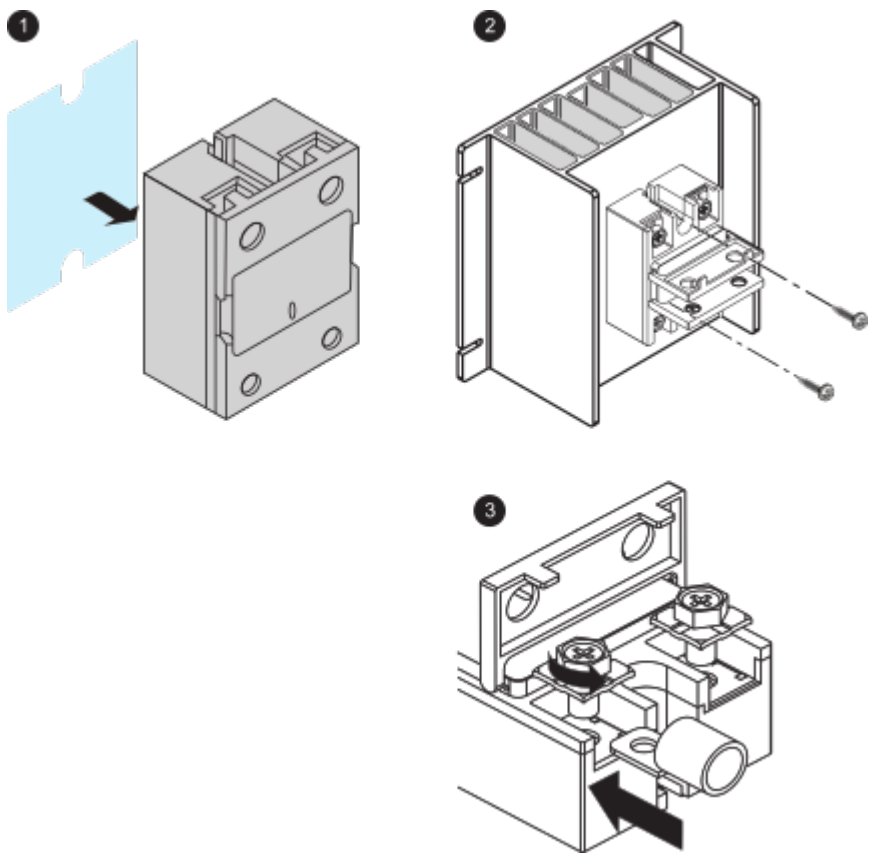


- (1) Load output connection screw terminals.
- (2) Indication area for product label or markings.
- (3) Control input voltage LED indicator.
- (4) Control input connection screw terminals.

Mounting and Clearance

Mounting

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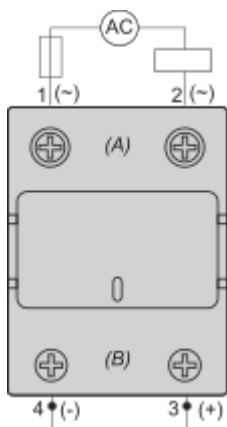
**NOTE 1:** Tear the films on both side of the thermal pad and attach one side to the metal back of the relay.

**NOTE 2:** Attach the relay to the heatsink. Heatsink fins should always be positioned in vertical orientation in order to ensure proper heat ventilation. The product may be hot, please allow time for product to cool before touching.

**NOTE 3:** Maximum screw torque follow the spec using less than 500 RPM electric / pneumatic screwdriver. Fully un-tightened the screw for lug installation.

Connections and Schema

Wiring



(A) LOAD  
(B) INPUT