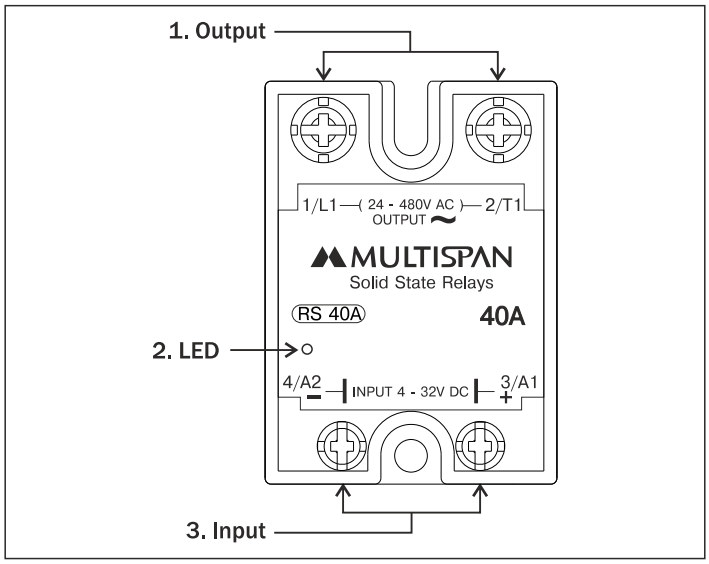
Solid State Relays

Features

- Control Input Voltage : 4-32V DC / 4-16mA
- Load Output Voltage : 24-480V AC
- Zero Cross over SSR Design
- Max Load Current : 25A / 40A / 50A / 70A
- Input LED Indication
- PIV : 800V

Product Description



1. Load output connection terminals
2. Control input voltage LED indicator
3. Control input connection terminals

General Specification

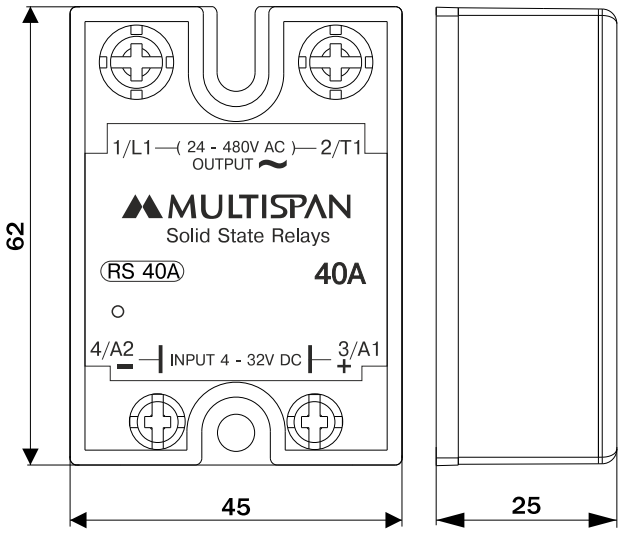
- Input Voltage : 4-32V DC / 4-16mA
- Load Output Voltage : 24-480V AC
- Max Load Current : 25A / 40A / 50A / 70A
- Contact Configuration : 1NO
- Must Operate Voltage : 4V DC (max)
- Repetitive Peak Off-state Voltage (V_{DRM}) : 800V

Type Selection

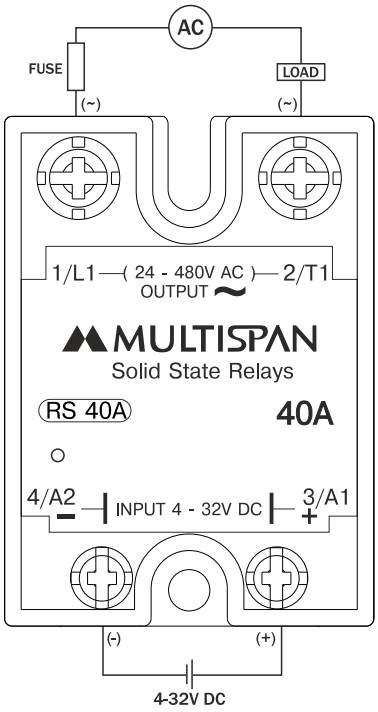
Product code	Input	Output	
		Voltage	Current using Heat sink
RS-25A	4-32V DC	24-480V AC	16A
RS-40A	4-32V DC	24-480V AC	18A
RS-50A	4-32V DC	24-480V AC	32A
RS-70A	4-32V DC	24-480V AC	44A

Note : Use Heat sink when load current is above 10A.

Dimensions (All are in mm)



Functional Diagram



ATTENTION ⚠

- Hazardous Voltage can cause death or serious injury. Disconnect power before proceeding with any work on this equipment. Never touch the terminals of the solid state relay if voltage is present at its terminals. The output terminals remain live even in the off-state (leakage current, SSR breakdown). Heatsink may be hot, even after removing the power.

IMPORTANT ⚠

- Should you require information about installation, operation or maintenance of the product that is not covered in this instruction document you should refer the matter to an authorised Multispan representative. The information in this document is not considered binding on any product warranty. - Only authorised and qualified personnel should be allowed to install and perform maintenance on this equipment
- Always use the SSR within its rated specifications and follow Any from provided instructions otherwise malfunction, damage or fire may - result
- The relay must be protected against overload (short circuit) by means of an external semiconductor fuse
- Heat generated by incorrect terminations may result in fire. Ensure the use of proper cable sizes and allow an adequate radius of curvature for wire bends
- Loose terminals generate abnormal heat. Tighten to the specified torque. Re-tighten after 48 hours to minimize wire cold flow. Retorque every 3 - 6 months
- This product has been designed for Class A equipment (external filtering may be required). Use of this product in domestic environments may cause radio interference, in which case the user may be required to employ additional mitigation methods