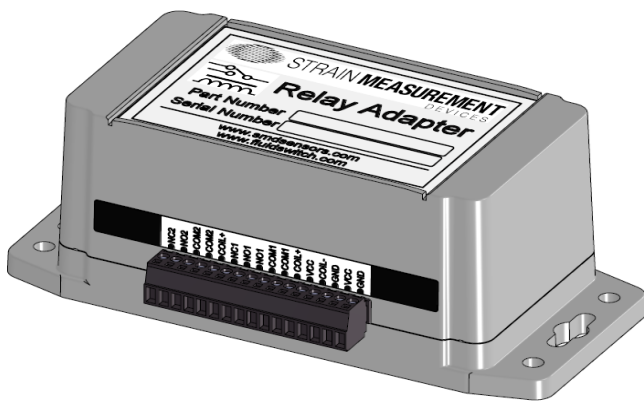
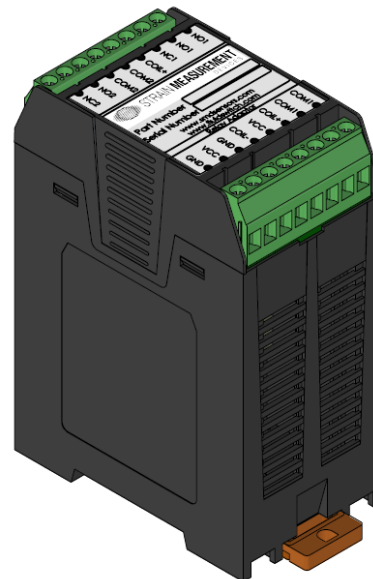


## SMD 8543 Relay Adaptor Box

Strain Measurement Devices introduces the Relay Adapter Box (RAB). This device has been designed to seamlessly connect float switch sensors to high-current devices such as motors and solenoids and provide protection to the sensor for high reliability and efficiency. The RAB can be used in many applications, from over and underflow protection to facilitating tank filling and tank emptying operations. The RAB incorporates advanced protection circuitry, safeguarding your valuable float switch sensors and significantly extending their lifespan. Unlike traditional relays, the RAB excels in seamless integration with our industrial stainless steel float switches, providing a hassle-free user experience.



**SMD8543-001** IP51 WALL MOUNTED



**SMD8543-002** STANDARD, Non-IP rated,  
WALL or DIN RAIL MOUNTED

The RAB features a versatile housing design, offering multiple mounting options for maximum flexibility in installation. When combined with a single-point float switch or multi-point float switch, the RAB is capable of precise control over pumps, motors, or solenoids. Typical applications using a single-point switch include overflow or underflow protection. When combined with a multi-point float switch, typical applications include tank filling, referred to as pump-up, and tank emptying, referred to as pump-down. The RAB can support outputs of up to 250VAC and 10 amps. A variety of input options, with both AC and DC variants, are available to order. An IP51 rated enclosure option is also available.