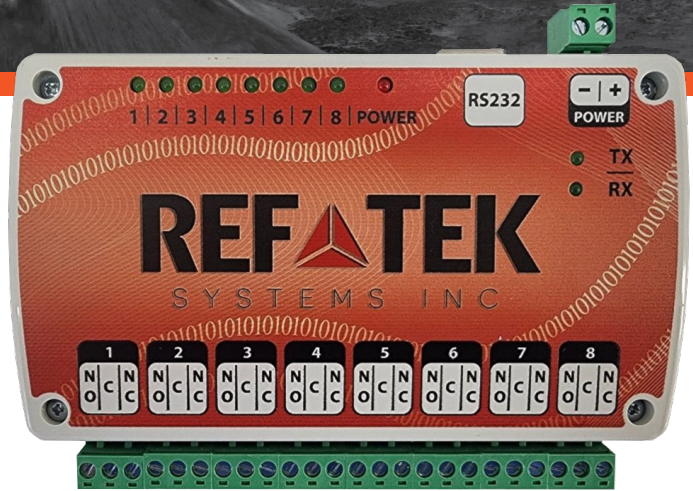


# External Relay

The External Relay is a four independent relay device compatible with the 180-SMHR2, 180-SMA2, and 180-MC product lines. The Relay can be used to power an external device after a Reftek 180 recorder detects seismic shaking over a user specifiable threshold or "trigger". The Relays can also be activated if the input or charging voltages drop below a pre-specified value to notify the users that there is a voltage problem onsite. The relay is controlled and programmed through the WebUI of the attached 180 device and can be programmed to enable or disable a relay on seismic trigger activation or voltage activation.

Each relay has terminal blocks that can be wired in normally open or normally closed configurations and are capable of switching loads up to 15 Amps for 12V (DC), 24V (DC), and 125V (AC) circuits. For 250V (AC) circuits the maximum load is 10A.



## SPECIFICATIONS

### ELECTRICAL

**Input Voltage** 12VDC (min 600 mA)

**Consumption** <3.6 Watts

**Relay Types** Normally Open, Normally Closed

### MECHANICAL

**Size** 6" x 4.2" x 1"

**Weight** 0.6 lbs

### COMMUNICATION

**Communication Parameters** 8 Data, 1 Stop, No Parity  
Baud Rate: 9600

## ORDERING INFORMATION

### PART NUMBER

### DESCRIPTION

**R-180-SM-RELAY-KIT**

External Relay Controller - Eight Channel with clips for DIN mount rail w/ Ethernet/Serial Cable 12ft

## NORTH AMERICA

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Contact your local dealer today

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