

Programmable Relay (#1-966)



Operation

The module has sufficient memory to record up to 4.5 hours with a 65msec resolution.

Operation of the programmable relay is governed by the following jumper settings:

R/P (Mode): Jumper in place- Recording mode. Jumper out- Playback mode

Go: Begin Recording or Playback action (momentary action)

On-Off: Relay open or closed (momentary action)

D-R: Output select- set to R position to activate relay, set to D for drive to solder pads (+/-)

Recording session:

Mode jumper set to Record (in)

Short the **Go** pins to begin the recording session. Short the **On-Off** pins to activate the relay as required.

Remove the **Mode** jumper to exit recording mode.

If a follow-on recording is required- re-insert the **Mode** jumper and press **Go**.

Playback session:

Mode Jumper set to Playback (Out)

Short the **Go** pins to begin playback.

Session will now play to the end of the record or until the **Mode** jumper is inserted (to allow modifications to a record).

For loop-play, place a jumper across the **Go** pins.

Erase:

To erase the memory, insert both the **Mode** and **Go** jumpers, switch on the module and then remove both jumpers. The module takes about 15 seconds to wipe the memory (test by periodically shorting the **On-Off** pins- they are not active until erasing has finished).

Physical Data:

The relay contacts are rated at 24VDC at 2 Amps switching.

The module draws approximately 10mA and 150mA with the relay energised.

Module size is 75 x 40 x 22 mm and weighs 25gms.