

ACCESSORY

PRODUCT SHEET & SPECIFICATIONS

AUDIO CONTROLLED RELAY (MODEL ACR1)



DESCRIPTION

The Audio Controlled Relay is designed for quick convenient installation, and reliable operation in a variety of control applications. The ACR1 is designed to switch on line-level sources and its relatively short release delay time makes it the optimum choice for voice applications.

FEATURES AND CAPABILITIES

- Control Switching from Audio Signal.
- Switching from Mic or Line Signals.
- Silence sensing.
- Precise Threshold Adjustment.
- DPDT Switching Contacts
- Open Collector Slave Output.

ACCESSORY

Model

ACR-1

AUDIO CONTROLLED RELAY

– INPUT SENSITIVITY

- + 30 dBu to 0 dBu, (adjustable, provides switching at a -20 dB threshold for signals of -10 dBu to +20 dBu)

– RELAY RELEASE DELAY

- + 0.5 to 5.0 seconds (Multi-turn adjustable)
- + 25V

– AUDIO INPUT

- + 10 k Ω balanced bridging

– INPUT CONNECTIONS

- + Balanced or unbalanced

– CONTROL OUTPUT

- + Open-collector @ 100 mA Suitable to drive indicators or slave LCR

– RELAY CONTACTS

- + Double-Pole, Double-Throw

– MAXIMUM SWITCHING POWER

- + 60W (220 Vdc, 125 Vac. 2 A)

– POWER REQUIREMENT

- + 24 to 33 Vdc @ 50 mA

– DIMENSIONS

- + Height: 1.55 in. 3.94 cm Width: 3.00 in. 7.62 cm Depth: 0.65 in. 1.65 cm