

DRY CONTACT INTERFACE & TELEPHONE RELAYS



TELEPHONE RELAYS

The W.L. Jenkins Company offers relays for most common telephone ringing applications. Item A is a solid-state plug-in Tel Relay designed for insertion in standard AC receptacles. It can actuate any 115 VAC device up to five amps rated current during the on time of the telephone ring cycle. The relay is used for indoor or outdoor use with AC loads up to 230 VAC, and DC loads up to 115 VDC

FEATURES

- Solid state design
- Simple installation

APPLICATIONS

Utilized to actuate the most common telephone ringing applications.

See other side for ordering information and specifications

DRY CONTACT INTERFACE

The Series DCI-24-24 provides the power to operate a wide variety of VDC telephone signaling products. Utilizing the limited current handling capability of a telephone systems "night ring" dry contact closure for activation, the DCI-24-24 delivers 24 VDC at 300 mA. Compact and versatile, the DCI-24-24, with its six-foot power cord, can be wall-mounted. Its quick-connect input and output terminals require no special tools for hookup.

The DCI-24-24 can power multiple telephone extension alerts, while isolating the load from the contact closure. One DCI-24-24 can activate another DCI-24-24 to power different groups of telephone extension alerts.

FEATURES

- Quick-connect and easy installation

APPLICATIONS

Provides power to operate a wide variety of 24 VDC telephone signaling products.



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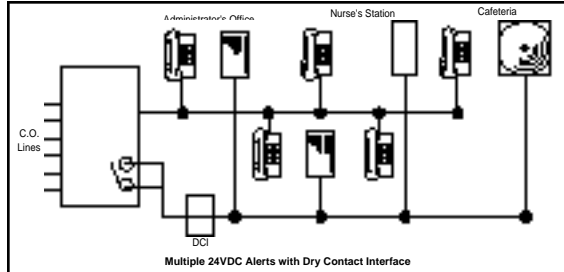
Ordering Information and Specifications

Dry Contact Interface



Compatible Parts	Alert Model	Product	dBA @ 1Meter	DCI Unit Limit
	PS-33A	TelStrobe	25KCP	2
	CH-AT2-W	TelChime	80	5
	CH-BT2	TelChime	90	5
	TB-592	TelBell	100	8

Typical Application – Hospital

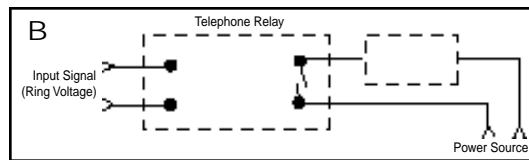


Item	Model #	Input	Output
C	DCI-24-24 ¹	Dry Contact Closure (or 24 VDC)	24 VDC (0.3A Max.)

NOTE: UL Listed and CSA Certified

The DCI-24-24, and 24 VDC Alerts are compatible with any telephone system that provides a dry contact closure.

Telephone Relays



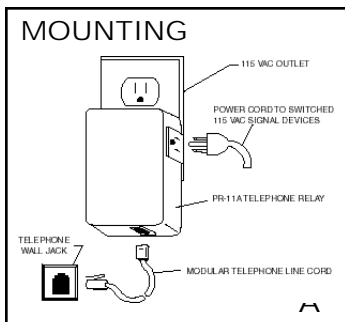
Item	Model #	Application	Input Voltage
A	PR-11A-W ^{1,2,3,5}	Indoor Plug-In	40-130 V, 16-68 Hz
B	CRT-T-40 ^{2,3,4,5}	Indoor/Outdoor	39-150 V, 20-30 Hz

- NOTE:**
1. UL1459 Listed, FCC Registered, 0.3 REN.
 2. ULListed
 3. CSACertified
 4. UL1459 Listed, FCC Registered, 0.6 REN.
 5. DOC Certified



Model # PR-11A-W

Power Circuit	
Nominal input voltage:	120 VRMS 50/60 Hz
Input voltage limits:	96132 VRMS 50/60 Hz
Switch type:	1 Form A
Switch current ratings:	0.01-5.0 AMPS RMS
Leakage current:	0.0005 AMPS max
Surge current rating:	100 AMPS peak for 1-cycle
Control Circuit	
Nominal input voltage:	90 VRMS 20 Hz
Input voltage limits:	50-130 VRMS, 16-68 Hz
Ringer equivalence ratings:	0.35 A, 0.90 B
Voice Impedance:	500 K ohms @ 400 Hz, 3 VRMS 100 K ohms @ 20 KHz, 3 VRMS
DC Impedance:	Virtually infinite (blocking capacitor)
Duty cycle:	33% max with 10 second maximum on time
Input-jack:	USOC RJ11C, type 623 (pin 3 = ring, pin 4 = tip)
Environmental	
	Meets requirements of UL Standard 464 for indoor use



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