



**Features**

- Multiple line grouping
- No external power required
- Units can be ganged together for greater line capacity
- Auxiliary relay contacts available

**Dimensions (LxWxH)**

5" x 5" x 1.5"  
(12.7 x 12.7 x 3.8 cm)

**Shipping Weight**

0.80 lbs. (0.36 kg)

**Ordering Information**

Certification	Approval Number
Model 173	
DOC CS03	350 2941 A
FCC Part 68	FCN8E3-71872-KX-N
UL1459	D0292442DBC

**Connect multiple CO lines . . . and get one common output whenever one of the lines is ringing**

The Model 173 Common Ringer Matrix allows for connecting multiple Central Office (CO) lines together to provide one common output whenever one of the lines rings. This unit eliminates the need for a separate bell for each incoming CO line. The Model 173 will accommodate three CO lines.

The unit is easy to install. Screw terminals allow simple bridge tap connections to the incoming CO lines. With no external power required, just about any common audible device (Tip and Ring powered ringer) will work.

Model 173 provides a choice of two outputs: standard ringing voltage; or contact closure. It also offers special features that allow for multiple unit connections, i.e., expanding beyond three CO lines. Units can be ganged together to accommodate additional CO lines.

The auxiliary dry relay contact is available to operate ancillary equipment, such as the Dees Model 198 Loud Ringer, or a low-voltage lamp.

**Application**

The perfect solution for organizations that require common-audible or night bells. Economize on the cost of installing one bell for each line. The Model 173 allows you to connect all your lines to one bell. Make sure calls are heard when your receptionist goes home. In loud industrial areas, combine with Dees' Model 196, Loud Industrial Ringer. Use the dry relay contacts to operate auxiliary equipment. For example, through the use of a power supply connected to the optional contact closure, you can drive a 24V lamp. This application would be suitable for locations that require visible rather than audible notification of a call, such as recording studios, nurse's stations, or for the hard of hearing.

**Specifications**

	Min	Typical	Max	Unit
<b>Electrical</b>				
Ring Detection Voltage	70		130	VAC
REN			1.4	B
Contact Rating (Normally open)			2	Amps
<i>Caution: Contact protection required when driving inductive loads</i>				
<b>Environmental</b>				
Operating Temperature	32		122	°F
	0		50	°C
Humidity	0		95	%RH

