



Features

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

Dimensions (HxWxL)

1.5" x 5" x 4"
(3.8 cm x 12.7 cm x 10.2 cm)

Shipping Weight

.70 lbs (317.5 grams)

Ordering Information

Model 173	3 Trunk Ringer Matrix
Model 175	7 Trunk Ringer Matrix

Certification

Model 173
DOC CS03
FCC Part 68
²UL1459

Approval Number

350 2941 A
FCN8E3-71872-KX-N
D0292442DBC

Model 175

FCC Part 68
²UL1459

FCN8E3-71635-RG-N
D0292442DBC

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

The Models 173 and 175, Common Ringer Matrices, allow for connecting multiple Central Office (CO) lines together to provide one common output whenever one of the lines ring. These units eliminate the necessity of providing one bell for each incoming CO line. The Model 173 will accommodate three CO lines and the Model 175 will handle seven CO lines.

Both units are 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.

Both units provide a choice of two outputs, standard ringing voltage or contact closure. Also, both models offer special features that allow for multiple unit connections, i.e., expanding beyond three or seven CO lines. Units can be ganged together to accommodate additional CO lines. They also have an auxiliary dry relay contact for operating ancillary equipment, i.e., through the use of a power supply connected to the optional contact closure, a 24 VDC alert signal can be driven.

The Model 175 offers the increased flexibility of being able to group CO lines into two different groups (zones), a three line group and a four line group, for special applications.

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 and 175 allow 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 24 VDC lamp. This application would be suitable for locations that require visible rather than audible notification of a call, such as recording studios, nurses stations, or the hard of hearing.

Specifications

	Min	Typical	Max	Unit
Electrical				
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>				
Environmental				
Operating Temperature	32		122	°F
	0		50	°C
Humidity	0		95	%RH