



# SelectTone® Activated Relay

Model 300TAR

## DETECTS AUDIO SIGNALS ON SPEAKER LINES FOR REMOTE CONTROL

- Available in 24VAC/VDC and 120/240VAC
- Detects tone signals and public address
- Eliminates the need for additional control wires
- Type 4X enclosure
- UL Listed

The Federal Signal Model 300TAR is activated by swept frequency tone signals from the SelectTone® Command Center. A relay switches power in order to control the operation of selected devices. The 300TAR can be used to activate such devices as emergency lights, lock and unlock doors and exhaust fans. Additional applications include the activation of other circuits such as automatic dialers, digital message centers or PLC inputs.

The tone activated relay is designed to detect emergency dedicated signals emitted by a SelectTone Command Center. Through a twin set of Form C contacts, each rated at 8 Amperes, the 300TAR can switch power to activate up to two devices, eliminating the need for dedicated control lines.

The 300TAR has two modes of operation. In one mode, the unit can be adjusted for specific audio frequencies. The other mode does not discriminate and activates upon any audio signal, including tones or voice.

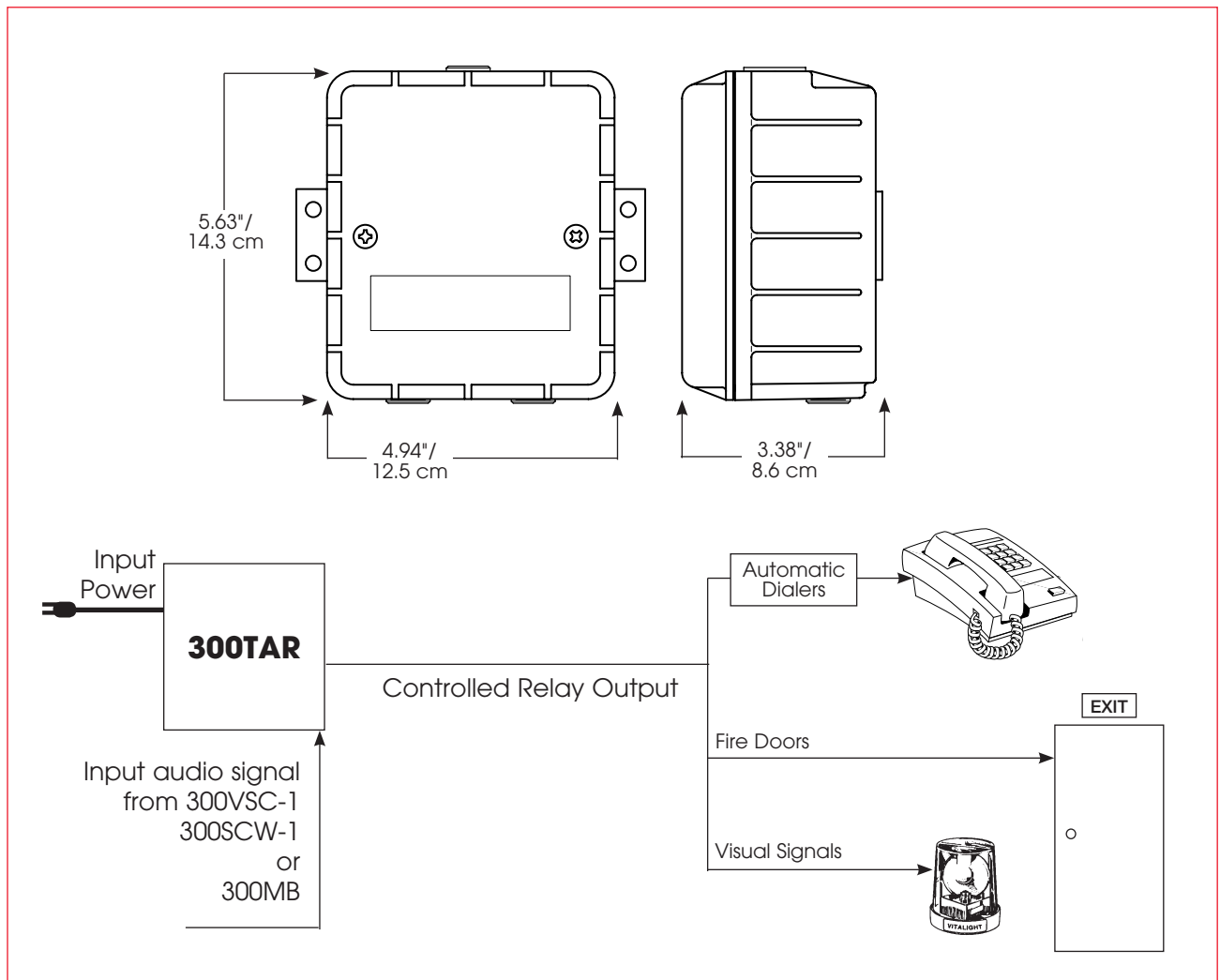
The 300TAR accepts all connector cards (300CKS, AM25CK and AM70CK), allowing its use with today's most popular audio line voltages.

The 300TAR is encased in a sturdy, die cast aluminum, corrosion-resistant housing. The unit is UL Listed.

Model	Voltage	Operating Current	Standby Current
<b>300TAR-024</b>	24VAC, 50/60Hz	56mA	29mA
<b>300TAR-024</b>	24VDC	168/180mA	92/93mA
<b>300TAR-120</b>	120VAC, 50/60Hz	64/38mA	61/32mA
<b>300TAR-240</b>	240VAC, 50/60Hz	32/19mA	31/17mA



## tone activated relay (300TAR)



### SPECIFICATIONS

Operating Temperature:	-31°F to 150°F	-35°C to 66°C
Input Signal:	1 Vrms	1 Vrms
Input Signal Frequency:	Tone PA	470Hz to 1300Hz +/-15% 60Hz to 5000Hz +/-15%
Net Weight:	2.75 lbs.	1.25 kg
Shipping Weight:	3.15 lbs.	1.43 kg
Height:	5.63"	14.3 cm
Width:	4.94"	12.5 cm
Depth:	3.38"	8.6 cm

### HOW TO ORDER

- Specify model and voltage
- Specify Connector Kit for use in systems (sold separately)
  - 25 Vrms Connector Kit (AM25CK)
  - 70 Vrms Connector Kit (AM70CK)
- Please refer to Model Number Index 300TAR beginning on page 375

### REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>
Double Pole Relay	K131207A
PCB Assembly, 24VDC	K2001306B-01
PCB Assembly, 120/240VAC	K2001306B