

# ETH Flex•Tone™ Series Signaling Devices

## Control Signal Generator

Cl. I, Div. 2, Groups A, B, C, D  
Cl. II, Div. 2, Groups F, G  
Cl. III

UL 464 and 1604 Listed  
NEMA 3R, IP44

Eaton's Crouse-Hinds **Flex•Tone Series Panel Control Signal Generator** controls and initiates a synchronous signaling sound from all Flex•Tone 3 Remote Speaker/Amps installed in a system. The Panel Control Signal Generator is mounted in a Division 2 area, while controlling the Flex•Tone 3 Speaker/Amps that are remotely mounted in Division 1 areas.

The Panel Control Signal Generator produces 27 sounds. Four tones may be activated from field-wired, normally open contacts, or a 24VDC or 120VAC external voltage source such as an output from a PLC.

### Applications:

- Hazardous area applications calling for high decibel output with simultaneous signal delivery over all speakers installed in a system
- Emergency warning systems, plant evacuation alarms, security intrusion alarms, process monitoring, shift start and dismissal horns, and paging signals

### Features and Benefits:

- 27 tone capability – no additional tone modules needed
- Centralized programmable tone selection
- PLC compatible
- System-wide priority tone
- 24 VDC battery back-up terminals
- Short circuit protected

### Ordering Information:

Cat. #	Voltage	Input Card	Signal OFF	Signal ON
		Activation Voltage	Standby Current (Amps)	Operating Current (Amps)
<b>Panel Control Signal Generator</b>				
ETH840/24E74	24VDC	24VDC	0.10	0.74
ETH640/24E13	24VAC, 50/60Hz	24VDC	0.10	1.30
ETH640/120E36	120VAC, 50/60Hz	24VDC	0.10	0.36
ETH640/120M38	120VAC, 50/60Hz	120VAC	0.10	0.38
ETH640/120E32	120VAC, 50/60Hz	24VDC	0.10	0.32
ETH640/240E20	240VAC, 50/60Hz	24VDC	0.10	0.20
ETH840/125E21	125VDC	24VDC	0.10	0.21
ETH840/250E10	250VDC	24VDC	0.02	0.10
ETH640/120M31	120VAC, 50/60Hz	120VAC	0.10	0.31
ETH640/240M20	240VAC, 50/60Hz	120VAC	0.10	0.20
ETH840/125M20	125VDC	120VAC	0.10	0.20
ETH840/250M10	250VDC	120VAC	0.02	0.10
ETH640/120R31	120VAC, 50/60Hz	RS485	0.10	0.31
ETH640/240R20	240VAC, 50/60Hz	RS485	0.10	0.20
ETH840/125R20	125VDC	RS485	0.10	0.20
ETH840/250R10	250VDC	RS485	0.02	0.10

Flex•Tone Panel Control Signal Generator must be used with Eaton's Crouse-Hinds ETH845 Remote Speaker/Amps on previous page.



### Certifications and Compliances:

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups F, G
- Class III
- UL 464 and 1604 Listed
- cUL C22.2 No. 205
- CE Marked – CENELEC LV and EMC Directives
- NEMA 3R, IP44

### Materials and Finishes:

- Zinc-cast construction with an epoxy powder coat finish

### Ratings:

- See table below

### Dimensions In Inches:

