

Hazardous Location Bells¹

438DEX-N5 & 439DEX-AW

Overview²

430D series of hazardous location bells are diode-polarized, heavy duty fire bells for use in life safety applications where a diode supervised signal is required.³

Hazardous location bells are available with 6-inch (152 mm), 8-inch (203 mm) or 10 inch (254mm) gongs, for either 120 Vac or 24 Vdc operation. They can be mounted to any solid surface using two 3/8 inch (10 mm) bolts and the supplied mounting brackets or to a rigid conduit. The integral explosion-proof housing is mechanically terminated to accept a standard 3/4-inch -14 National Pipe Taper (NPT) nipple.⁴

Standard Features⁵

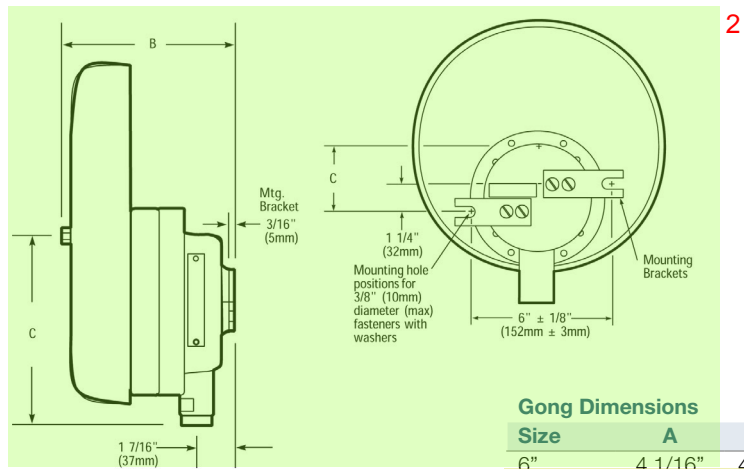
- Diode polarized⁶
- 6", 8", and 10" gong sizes
- Low power drain for efficient operation over long wire runs
- Completely assembled

Application⁷

430D series of hazardous location bells are UL-listed for installation in the following classified locations:⁸

- Class I groups B, C and D⁹
- Class II groups E, F and G
- Class III hazardous locations, for Div. 1 and 2

Mounting ¹



Gong Dimensions

Size	A	B	C
6"	4 1/16"	4 13/16"	5/8"
(152mm)	(103mm)	(122mm)	(16mm)
8"	5 1/16"	5 1/4"	1 5/8"
(203mm)	(129mm)	(133mm)	(41mm)
10"	6 1/16"	5 3/8"	2 5/8"
(245mm)	(154mm)	(137mm)	(67mm)

Specifications ⁴

	438DEX-xN5	439DEX-xAW
Rated Voltage	120 Vac	24 Vdc
Alarm Current	.041A (RMS)	0.24A
Sound output	83 dBA measured in an anechoic chamber on an "A" weighted decibel scale at 10 ft (3m)	

Ordering Information ⁶

Catalog Number	Description	Ship Wt. lb. (kg.)
439DEX-6AW	6" (152 mm) Hazardous Location Bell – 24 Vdc, Gray	8 (3.6)
439DEX-6AW-R	6" (152 mm) Hazardous Location Bell – 24 Vdc, Red	8 (3.6)
439DEX-8AW	8" (203 mm) Hazardous Location Bell – 24 Vdc, Gray	10 (4.5)
439DEX-8AW-R	8" (203 mm) Hazardous Location Bell – 24 Vdc, Red	10 (4.5)
439DEX-10AW	10" (254 mm) Hazardous Location Bell – 24 Vdc, Gray	12 (5.4)
439DEX-10AW-R	10" (254 mm) Hazardous Location Bell – 24 Vdc, Red	12 (5.4)