

PRODUCT PROFILE

855X HAZARDOUS LOCATION SIGNALING DEVICES

The new 855X line of Allen-Bradley hazardous location products provide signaling solutions for most Division-rated applications.

The new 855X products borrow from the Allen-Bradley general purpose industrial electronic alarms pedigree and offer the latest in electronic circuit design providing unparalleled performance and reliability. The products are constructed from lightweight, corrosion-free GRP and impact resistant ABS. The UL Listed products have a 1/2" NPT conduit entry, pre-wired with flying leads.

ADVANTAGES

- Light-weight, corrosion free construction makes it ideal for wet and harsh industrial environments found offshore and onshore in the oil & gas industry. Also suitable for applications found in the food, paper, mining and grain industries.
- Ingress protection certified by UL as meeting Type 4/4X/13, IP66 requirements
- Extremely easy to install with fully-adjustable (180 degree) mounting bracket at 18-degree increments
- Compatible with Rockwell Automation PLCs and other automation control systems
- Electronic horns provide extremely low power consumption and long-life
- Operating temperature range -20°C to 55°C
- cULus

IMPROVING INDICATION LOUD & CLEAR



855XH Alarm Horn Sounders

- 45 tone, 3 stage selectable
- Output: 110 dB or 117 dB @ 1 meter
- Volume Control
- Voltages: 10-30 VDC, 48 VDC, 120 VAC, 230 VAC
- Automatic Synchronization
- UL: Class I, Div 2, Grps A, B, C, D
T3C (160°C)
Class II, Div 2, Grps F & G
T6 (85°C)
Class III, Div 1
T6 (85°C)

855XB Xenon Strobe Beacons

- Output: 5 or 10 Joule xenon strobe beacon
- Flash rate: 1 Hz (60 FPM)
- Voltages: 12 VDC (5 Joule only), 24 VDC, 48 VDC, 120 VAC, 230 VAC
- Pluggable xenon tube assembly
- Stainless steel lens guard
- UL: Class I, Div 2, Grps A, B, C, D
5J: T2D (215°C)
10J: T2A (280°C)
Class II, Div 2, Grps F & G
5J: T5 (100°C)
10J: T4A (120°C)
Class III, Div 1
5J: T5 (100°C)
10J: T4A (120°C)

855XC Combination Horn Sounder and Strobe Beacon

- 45 tone, 3 stage horn sounder/5-Joule xenon strobe beacon
- Output: 110 dB @ 1 meter
- Voltages: 24 VDC, 48 VDC, 120 VAC, 230 VAC
- Volume Control
- Automatic Synchronization
- Pluggable xenon tube assembly
- Stainless steel lens guard
- UL: Class I, Div 2, Grps A, B, C, D
T2D (215°C)
Class II, Div 2, Grps F & G
T5 (100°C)
Class III, Div 1
T5 (100°C)

855XL Loudspeaker

- 15 Watt RMS
- 70V or 100V Line Transformer with tapings: 15 W, 7.5 W, 3 W, and 1 W
- 8 ohm or 16 ohm
- UL: Class I, Div 2, Grps A, B, C, D
T4 (135°C)
Class II, Div 2, Grps F & G
T6 (85°C)
Class III, Div 1 & 2
T6 (85°C)

Note – Temperature Code at +55°C Ambient

855XH Alarm Horn Sounder

855XH-	BN	A10	B
855XH	HazLoc Horns		
B	Black Housing		
N	1/2" NPT Conduit Entrance		
Voltage			
D30	10...30V DC		
D48	48V DC		
A10	120 V AC		
A20	230 V AC		
Horn Type			
A	110dB / 45 Tone / 3 Stage		
B	117dB/ 45 Tone / 3 Stage		

855XB Xenon Strobe Beacons

855XB-	BN	A10	B	4
855XB	HazLoc Beacons			
B	Black Housing			
N	1/2" NPT Conduit Entrance			
Voltage				
D12	12V DC Note - 12V valid for 5J only			
D24	24V DC			
D48	48V DC			
A10	120 V AC			
A20	230 V AC			
Beacon Type				
A	Xenon, 5J / 1 Hz (60 fpm)			
B	Xenon, 10J / 1Hz (60 fpm)			
Color				
3	Green			
4	Red			
5	Amber			
6	Blue			
7	Clear			
8	Yellow			

855XC Combined Horn Sounder and Strobe Beacon

855XC-	BN	A10	B	3
855XC	HazLoc Sounder-Beacon Combination			
B	Black Housing			
N	1/2" NPT Conduit Entrance			
Voltage				
D24	24V DC			
D48	48V DC			
A10	120 V AC			
A20	230 V AC			
Beacon Type				
A	Xenon 5J / 110 dB			
Color				
3	Green			
4	Red			
5	Amber			
6	Blue			
7	Clear			
8	Yellow			

855XL Loudspeakers

855XL-	BN	70	A
855XL	HazLoc Loudspeaker		
B	Black Housing		
N	1/2" NPT Conduit Entrance		
Power Selection - Transformer			
70	70V Line (Tappings: 15W 7.5W 3W 1W)		
100	100V Line (Tappings: 15W 7.5W 3W 1W)		
8R	8 Ohm		
16R	16 Ohm		
Power Handling			
A	15W RMS		

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846