

# electrical catalog 9016

## Hazardous Location Electrical Products



### Innovative Global Explosion Protection by R. STAHL

R. STAHL, INC.

9016

HAZARDOUS LOCATION ELECTRICAL PRODUCTS

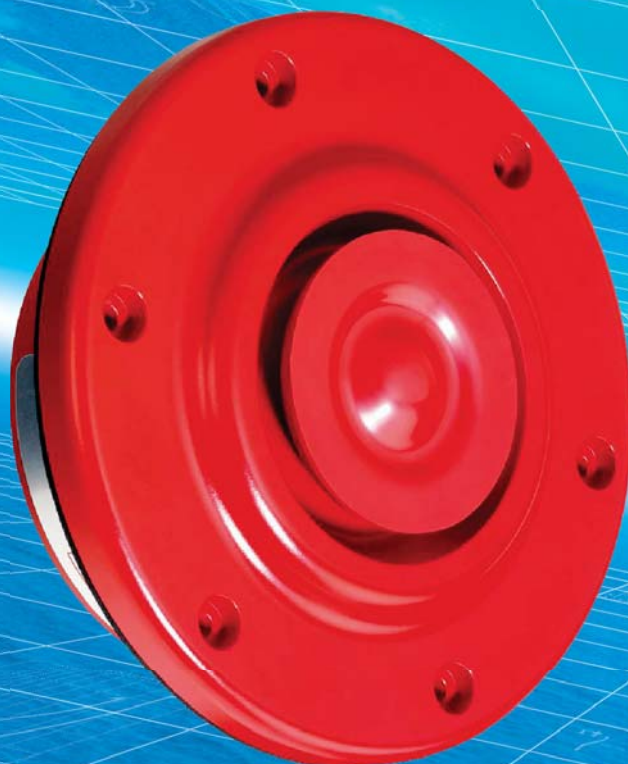


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### YA11 Series

#### Features:

- YA11 horn ABS aluminum construction weighs less than 3 pounds
- Low Profile (1.1 inch profile)
- 100dB at 1 meter
- NEMA 4x, IP66
- 32 sounds tones available meeting international regulations
- Prewired with 3 meter cable, ready for installation
- Meets UL, CUL, ATEX and IECEx approvals
- ATEX / IECEx approved for Gas & Dust (Zone 1, 2, 21, & 22)
- NEX / CEC Class I, Division 2, Class II, Division 2, Class III, Division 1
- Sealing gasket and stainless steel hardware provided
- High performance red paint finish as standard 18-32 VDC
- 7 Lens colors in flame retardant polycarbonate
- -40 to +70 Degree C rated



Version	Enclosure colour	Rated operational voltage	Order number	Art no.	Weight kg
YA11 Sounder, standard devices	red standard (R)	18-32 V DC	YA11/1-D-__-RN	211439	1.315

**Note:** Customer must specify the required sound tone at the point of ordering the sound tone cannot be changed by the customer there are 32 tones available, please see the order number supplement below for example if tone 18 is required please use the order number YA11/1-D-18-RN

### Tone table

Tone no.	Version	Frequency	Repetition Rate (Sec)	Special Application
Tone 01	Alternate two-tone	800-1000	0.5	Fire alarms - Level crossing
Tone 02	Alternate two-tone	2500-3100	0.5	Security alarms
Tone 03	Alternate fast two-tone	800-1000	0.25	Increased urgency - Level crossing
Tone 04	Alternate fast two-tone	2500-3100	0.25	Security deterrent
Tone 05	Alternate two-tone	440-554	0.4/0.1	AFNOR, France
Tone 06	Alternate two-tone	430-470	1.0	
Tone 07	Alternate very fast two-tone	800-1000	0.13	
Tone 08	Alternate very fast two-tone	2500-3200	0.07	
Tone 09	Alternate two-tone	440-554	2.0	Turn out, Sweden
Tone 10	Continuous note	700		All-clear, Sweden
Tone 11	Continuous note	1000		
Tone 12	Continuous note	1000		
Tone 13	Continuous note	2300		
Tone 14	Continuous note	440		
Tone 15	Interrupted tone	1000	2.0	
Tone 16	Interrupted tone	420	1.25	AS2220, Australia
Tone 17	Interrupted tone	1000	0.5	
Tone 18	Interrupted tone	2500	0.25	
Tone 19	Interrupted tone	2500	0.5	
Tone 20	Interrupted tone	700	6/12	Pre-vital message, Sweden
Tone 21	Interrupted tone	1000	1.0	
Tone 22	Interrupted tone	700	4.0	Air-raid alarm, Sweden
Tone 23	Interrupted tone	700	0.25	Local warning, Sweden
Tone 24	Interrupted tone	720	0.7/0.3	Industrial alarm, Germany
Tone 25	Interrupted, fast, rising volume	1400	0.25	
Tone 27	Rising constant, fall	1000	10/40/10	Industrial alarm, Germany
Tone 28	ISO 8201 Evacuation	800-1000	As Standard	International evacuation alarm
Tone 29	Fast whoop	500-1000	0.15	
Tone 30	Slow whoop	500-1200	4.5	Evacuation, The Netherlands
Tone 31	Reverse sweep	1200-500	1.0	Evacuation, Germany
Tone 32	Siren	500-1200	3.0	

