

## Application:

The ESR siren, EBZ buzzer is used

- for call signals, alarms and other signaling application.
- in hazardous atmospheres such as oil and gas refineries, chemical plants, loading station, paint manufacturing plants, grain processing areas or similar industries.
- for flat surface mounted with projectors aimed in the desired direction, for conduit system.

## Technical data:

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Explosion Protection     | : Ex d IIB T6                                                                                |
| Conforming to            | : Standards IEC 60079-0/1 or UL 60079-1                                                      |
| Marking for test         | : Ex II2G                                                                                    |
| Degree of Protection     | : IP54/65 (Option) acc. To IEC 60529                                                         |
| Ambient Temperature      | : -10°C + 55°C                                                                               |
| Rated Voltage            | : 6 , 12 , 24V. DC.<br>: 110 , 220V. AC.                                                     |
| Protection class for UL. | : Class I, Division 1or 2 Group. C,D<br>Class II, Division 1 or 2 Groups. E,F,G<br>Class III |
| Protection class for IEC | : Zone1 , 21 and Zone 2 , 22                                                                 |

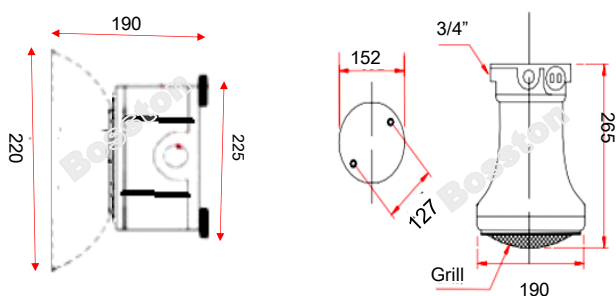
## Specification:

|                |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| Body and cover | : Marine grade copper-free aluminum alloy<br>with epoxy-polyester powder coated |
|----------------|---------------------------------------------------------------------------------|

## Catalogue Number:

| Supply Voltage | Amp.  | VA  | Sound Level at 30CM.(dB.) | Cat.No.   |
|----------------|-------|-----|---------------------------|-----------|
| Siren          |       |     |                           |           |
| 12V.DC.        | 0.041 | 0.5 | 85-105                    | ESR1-012D |
| 24V.DC.        | 0.021 | 0.5 | 85-105                    | ESR1-024D |
| 220V.AC.       | 0.011 | 2.5 | 85-105                    | ESR1-220A |
| Buzzer         |       |     |                           |           |
| 24V.DC.        |       | 0.5 | 60-85                     | EBZ1-024D |
| 220V.AC.       |       | 8.5 | 60-85                     | EBZ1-220A |

## Dimension:



TYPE A For Siren



TYPE B For Buzzer or Siren