

# CLARKE GSRA1

## 15 CHANNEL

## REMOTE ANNUNCIATOR



### Description:

The GSRA1 Remote Annunciator is a remote alarm device that has configurable alarms for each of its 15 channels.

### Features:

- Each channel is equipped with a tri-color LED (green, yellow, red) which is fully configurable for alarm type.
- Lamp test function
- Local horn reset function
- Connection to controller via CAN bus
- Local horn output
- Up to 4 annunciators can be networked to a single controller

### Technical Data

Power Supply	
Voltage supply	8-36 VDC
Consumption	0.35-0.1A (+1 A max for horn output)
Operating Conditions	
Operating Temperature	-20-+70°C
Storage temperature	-30-+80°C
Protection Front Panel	IP65
Humidity	85%
Vibration	5-25Hz, ±1.6mm 25-100Hz, a=4g
Shocks	a=200 m/s <sup>2</sup>
Standard Conformity	
Low Voltage Directive	EN 61010-1:95 + A1:97
Electromagnetic Compatibility	EN 50081-1:94, EN 50081-2:96 EN 50082-1:99, EN 50082-2:97

<b>Dimensions and Weight</b>	
Dimensions	180 x120 x 55 mm (7.1" x 4.73" x 2.17")
<b>Horn Output</b>	
Maximum Current	1.0 A
Maximum Switching Voltage	36 VDC
<b>CAN bus interface</b>	
Galvanically separated	
Maximum CAN bus length	200m (656')
Speed	250 kBd
Nominal Impedance	120Ω
Cable Type	Twisted shielded pair
Wire size	min. 0.25 mm <sup>2</sup> (22 AWG)

Mounting Options\*:

- Ship loose annunciator and horn for mounting in existing type 1 panel/enclosure
- Mounted in NEMA type 1 surface mount enclosure
- Mounted in NEMA type 1 flush mount enclosure
- Emergency stop mounted on enclosure

\* Refer to option drawings for enclosed dimension and emergency stop data sheet for technical information.