

Improving Asset Utilization

Reducing Investment and Maintenance Related to Audible Signaling

Application Issue

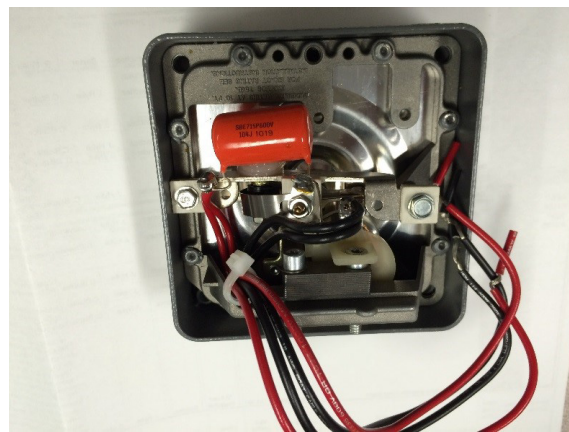
The use of audible signaling in the plant requires careful considerations of the environment noise level, the appropriate interface to the control system, and the number of units to use for a particular application.

The maintenance cost of the system is also important. Replacing a coil in an electromechanical horn may not be expensive at the component level, but total maintenance cost rapidly increases when considering the required labor time.

Another important consideration is to make sure the personnel are familiar with the pitch or tone coming from the horn in case of a machine fault. Without this knowledge, they could take improper action and potentially compromise their safety.



The use of single tone horns could drive up asset inventory when multiple tones need to be triggered.



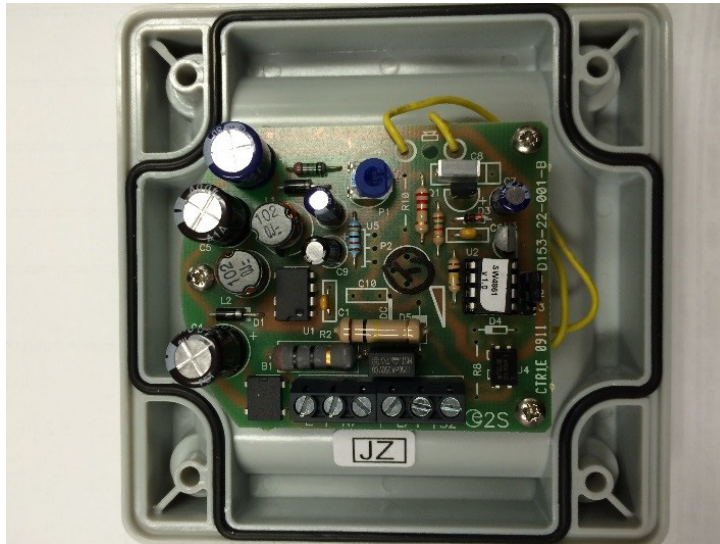
Electromechanical horns require maintenance to make sure their moving parts are properly functioning.

Component Solution

With Allen-Bradley Bulletin 855 electronic horns, multiple tones can be triggered directly from the PLC output card without the use of an external interface. While these tones function independently, they are grouped together to maximize contrast between them, even at high noise levels, to provide a clear indication on the status of the machine or equipment.

To increase operation flexibility of the machine, the recordable horn can provide specific voice instructions to the operator on what actions to take once an event is present thus reducing production downtime.





Solid-state technology lets these devices operate continuously with virtually no maintenance required after installation because there are no moving parts.

Summary

Allen-Bradley industrial electronic horns can help customers save on product installation, equipment maintenance, and inventory reduction.

Allen-Bradley, Rockwell Software, Rockwell Automation, and LISTEN. THINK. SOLVE are trademarks of Rockwell Automation, Inc.
Trademarks not belonging to Rockwell Automation are property of their respective companies.

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 NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, 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