Expertise In Turbomachinery Optimization

NEW RELEASE!

REPLACE YOUR SURGE DETECTOR WITH A SMART EAS3

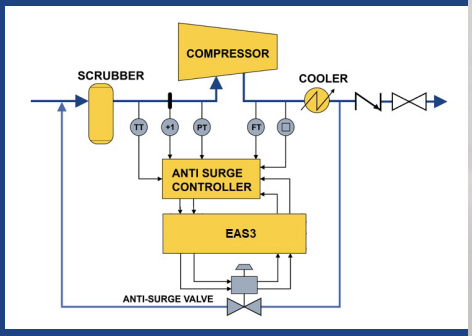
Upgrade Your EAS Today For Optimized Surge Protection!

Drop-in replacement of your CCC EAS for even more protection with upgraded features

The CCC EAS3 anti-surge detector is for process plant operators, owners and rotating equipment engineers who need to prevent costly equipment damage caused by surging of their process gas compressors. Replacement of an existing EAS is easily completed without changing the cabinet, wiring or documentation in your current installation. CCC prevents a significant amount of design, work, and downtime required from PLC (Programmable Logic Controllers) based systems as the cabinet does not need to be modified or replaced. You will have peace of mind for your compressor operation with CCC EAS3 surge detection, manual loading, drop-in replacement and diagnostics.

The CCC EAS3 Features

- Monitoring, detection and counting of compressor surge events for diagnostics
- Protecting the compressor in the event of excess surge events in set time limits
- Control the compressor speed through manual loading station functionality
- Auto-loading compressor control
- A simple upgrade to the EAS3 with drop-in replacement
- All data and functionality is available to the DCS feed via Modbus



Compressor Protection for New Installations

The EAS3 provides cost effective anti-surge protection of redundancy for the CCC Series 3++ controller and can be easily installed for new compressor units. Operators will immediately experience the benefits of the auto/manual loading station providing a cost-effective method of redundancy for the controller. The EAS3 opens the anti-surge valve to protect the compressor in the event that it surges multiple times in a pre-determined timeframe. This offers a high level of protection for expensive process gas compressors.

How CCC EAS3 works

1. Opens the anti-surge valve to protect the centrifugal compressor in the event that it surges multiple times within the selected timeframe.

2. Depending on your needs, the EAS3 can be configured as a surge detection station, loading station, or a backup antisurge station.

3. By providing both surge detection and manual loading functions, the EAS3 can take the place of two devices, thus saving you money and control panel space.

4. User gains reliable surge detection due to high speed monitoring of two process variables.

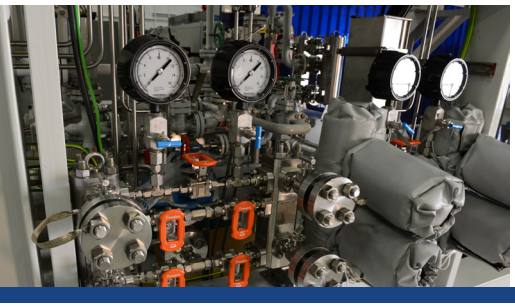
5. The designated inputs (usually the flow rate and discharge pressure or motor power) are monitored for the high rates-of-change typical of a surge.

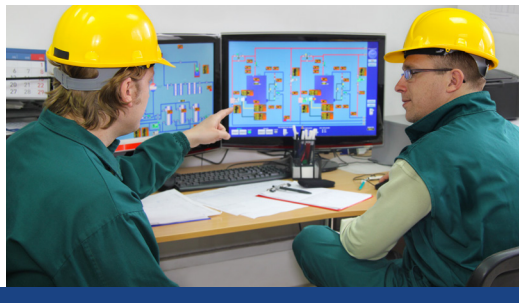
6. The EAS3 maintains both an event and a cumulative surge counter.

7. Four surge alarms are provided, each with a dedicated discrete output. You specify how many event surges must be detected before each is triggered.

8. Achieves increased compressor protection as EAS3 independently detects surge and automatically takes over when your antisurge controller fails.

Anti-surge control devices are crucial protection to keep your assets operating effectively. Deploying or upgrading to the CCC EAS3 smart alarm system optimizes monitoring, enabling quick corrective action, effectively increasing output, avoiding unnecessary costs, and ultimately prolonging the turbomachinery lifecycle.





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