

ECS EasyDetect

ECS EasyDetect is an upgrade of the engine control system (ECS) power supply to facilitate troubleshooting and improve engine reliability.

The power for the ECS and the multi-purpose controllers (MPCs) on old Everllence B&W ME-C and ME-B engines comes from the same power supply. Consequently, testing insulation resistance from the ECS power circuit to ground to detect faulty components or cables is only possible on the shared power supply for all controllers and all components.

The insulation resistance tests cannot be performed on individual components or cables. Therefore, finding a defective component or cable is extremely time-consuming.

New Everllence B&W ME-C and ME-B engines have separate power supplies for each MPC. The control and diagnostic systems monitor the insulation resistance continuously, which makes troubleshooting much easier.

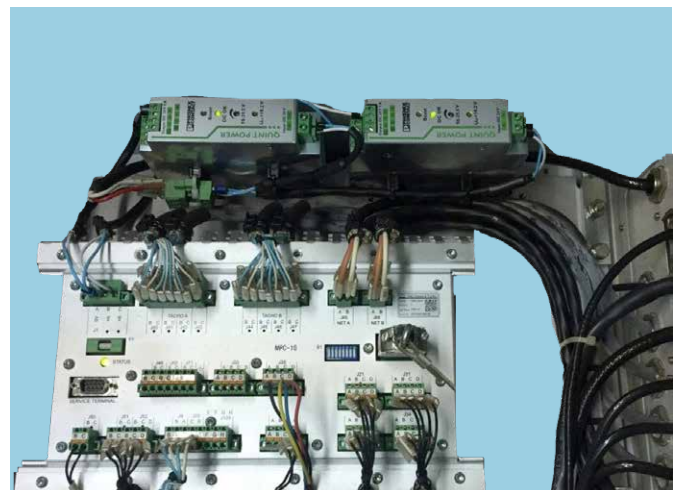
Focused troubleshooting with data logging to track events

With the installation of ECS EasyDetect, we will use galvanic isolators to separate the power to each MPC.

This will prevent errors in one MPC from affecting other units. We will also update the ECS software and fit all controllers with modules monitoring the insulation resistance.

ECS EasyDetect ensures easy monitoring of the insulation resistance on each individual ECS controller by displaying it on the main operating panel (MOP) and logging it under engine diagnostics in the computer-controlled surveillance system (CoCoS). This ensures easy detection of any correlation with other events.

Please contact your Everllence PrimeServ office for more details.



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Upgrade the engine control system and improve the reliability

Key benefits

- Online monitoring of the insulation level as well as noise pulse counts
- Easy troubleshooting in case of defective cables or loose connections
- Quick identification of defective components, such as sensors, cables or controllers
- Less engine downtime
- Peace of mind with quick and easy troubleshooting

Scope of supply

- Insulation detection modules
- Power supply units with galvanic isolation
- ECS software update as needed

Applicable to

All Everllence B&W ME/ME-C/ME-B engines

More information

Contact your local Everllence PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

Everllence PrimeServ

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