FOCUS

Hot swappable Power Supply Units

Detail of hot swappable power supply units on PFG NEXT

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High Redundancy with flexible configuration

Thanks to the various available configurations, we can grant nowadays the best solution matching network requirements and granting maximum robustness and highest efficiency operation at the very competitive price.

Combining our technology background with the introduction of an intelligent Automatic Current Sharing system (ACS software) we have been able to get the transmitter working in the worst fault conditions whilst maintaining the highest output power ever seen.

For instance, if we consider the optional configuration with dual power supply (/DSP1), the power loss, in case of one module fails, will be less than 35%. Furthermore, in case the optional chosen configuration is (/DPS2), i.e. with dual high power supply, the power loss will be less than 10%, this means that the transmitter will keep on working almost at its full power.

Hot swappable

The MOZART NEXT transmitter is characterized by the presence of hot swappable power supply units for a simplified serviceability and maintenance. Their toolless and instant installation from front panel make the Mozart NEXT transmitter series ideal for critical environment systems where no down time can be tolerated.

Automatic Current Sharing (ACS)

A software controlled automatic current balancing system (ACS) is present on each unit to grant a perfect load distribution and so best power supply operating conditions. In case of multiple power supplies installed in the transmitter, the system always works balanced without any current overload even in case of failure of one power supply.

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