



Modular power supplies offer redundancy

Block is offering a range of switch-mode power supplies with redundancy modules said to maximise system availability with an efficiency of more than 99%. The Power Compact supplies are based on a low-loss Mosfet technology.

Using the redundancy modules, two decoupled power supplies can be connected in parallel with a voltage range of 10–56V. If required, the modules can be used to increase the output power. The supplies offer top-boost and power-boost functions. If there is a short circuit at the output or on one of the supply lines, operation is unaffected and an increased power loss is prevented. In either case, an error message is sent to higher-level controllers and the operator via a relay contact and LEDs.

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