



PRODUCT DATA SHEET

Bertrandt Scalable Power Distribution Unit (Bertrandt S-POU) – Power Supply

THE CHALLENGE

Both complex test benches and small testing systems always require a central power supply in order to provide all the necessary voltage levels. These power supplies must meet all the relevant safety and functional requirements, such as emergency stop functions.

THE SOLUTION

The system provides a uniform solution for supplying power to test benches. Due to its compact and enclosed design, Bertrandt Scalable Power Distribution is suitable both as a control cabinet module and for stand-alone use.

TECHNICAL FEATURES

- Dimensions: 19", 3 HE, 350 mm (W x H x D)
- Three-phase (max. 32 A) or single-phase power supply
- Central main switch (lockable), residual current device and circuit breaker
- Internal auxiliary power supplies (e.g. 5 V, 10 V, 12 V, 24 V; 5 A, 10 A), can be integrated as required
- Outputs (e.g. external socket strips, cold device sockets, auxiliary voltages) at the back
- Optional function switch (on/off) and emergency stop button for safety-relevant power supply circuits
- Fast integration and readiness for operation due to plug-in connections at the back
- Easy scalability due to the flexible integration of the components required
- Functional housing (e.g. incl. carrying handles and feet) so that it can also be used separately