



Surge Protection Data Interface & Telecommunications

Surge protection for information technology and telecommunications

IT interfaces are particularly sensitive to overvoltages. Ideally, high transmission rates should not be impaired by the protective circuit. Powerful and fast-acting components provide a good level of protection with minimal attenuation. Overvoltages are safely limited. The bandwidth remains virtually unaffected.



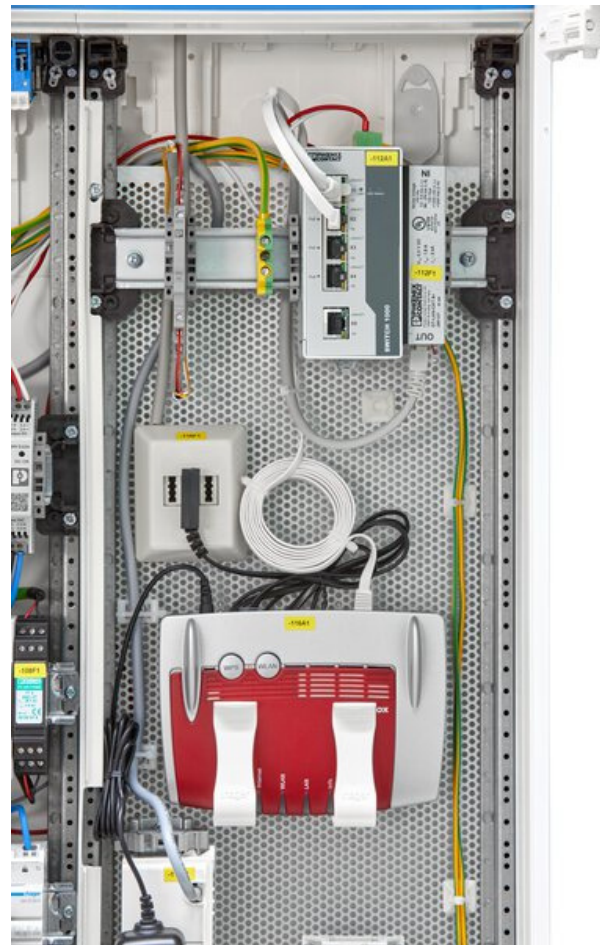
PLUGTRAB PT-IQ for Data Interfaces

PLUGTRAB PT-IQ intelligent surge protection now also reliably protects your data cables against overvoltages. The protective circuit is specifically tailored to HF applications. All voltage-limiting components in the protective circuit are constantly monitored.

DATATRAB DT Universal Protection for Information Technology

The DATATRAB DT product family from Phoenix Contact provides protection for many applications

- High-speed networks up to 10 Gigabit Ethernet
- Networks with RS-485 interface
- Analog and digital interfaces for telecommunications, including DSL
- DATATRAB can either be used as an adapter or as a DIN rail module.



All surge protective devices are system-compliant and have the appropriate connection technology. The DT-LAN-CAT6+ version supports various data protocols at very high transmission speeds: such as Ethernet, Power over Ethernet (PoE), ISDN, token ring, and DS1.

Your Advantages

- ✓ Conformance with all standards – both for surge protection and for high-speed networks
- ✓ Protection for all common applications and signals with the complete product portfolio
- ✓ Versatile use with application-specific designs and connection technologies
- ✓ Easy testing with the pluggable protective device

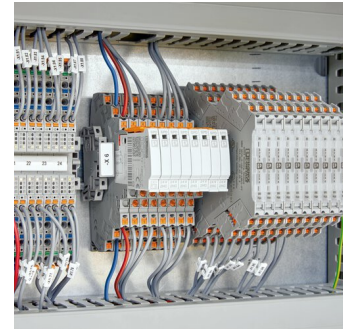


Surge Protection Continued

Surge Protection for the Power Supply



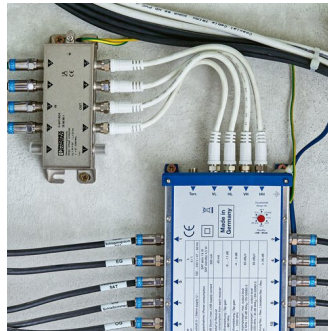
Surge Protection for MCR Technology & Signals



Surge Protection for Information Technology



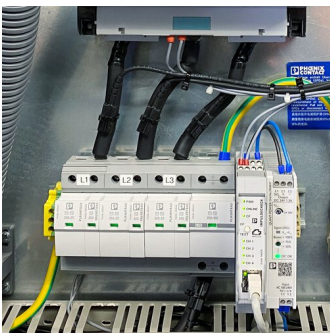
Surge Protection for Transceiver Systems



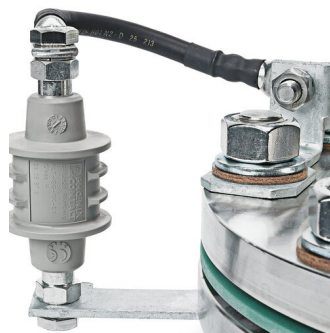
String Combiner Boxes for Photovoltaic Systems



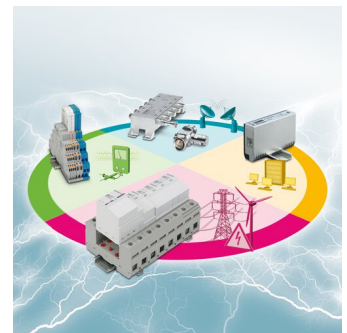
Test & Monitoring Systems



Isolation Spark Gap



Protective Circuit Principle & Concept



We are available to meet with you and review your project.

Robert Neumann
BSR | Rainier Marketing
Manufacturer Representative
robert@rainiermarketing.com
O: 253.987.5775
C: 253.335.0425

Carrie Crane
BSR | Rainier Marketing
Manufacturer Representative
carrie@rainiermarketing.com
O: 253.987.5775
C: 253.987.5775

Greg Todd
BSR | Rainier Marketing
Manufacturer Representative
greg@rainiermarketing.com
O: 253.987.5775
C: 206.619.0341