

New modular arc protection unit from VAMP Ltd.



Vamp Ltd's range of products for arc flash protection has been increased with a new advanced central unit, the Vamp 321. With its modular and user-friendly design, the Vamp 321 offers a competitive solution for a wide range of applications.

Developed in close cooperation with customers, the Vamp 321 combines the proven technology of Vamp's 200 product series and that of the Vamp 221 arc flash protection system. It extends the range of uses for Vamp arc protection systems to high-end installations with multiple feedings and double busbar solutions and it is also compatible with existing systems.

IP 54 casing with adjustable fixtures

Despite its top-of-the-range technology, the Vamp 321 is a user-friendly product that relies on the same I/O units and cabling as the manufacturer's well-proven Vamp 221. Its mechanical structure comprises a robust IP 54 -standard casing of cast aluminium and adjustable fixtures that provide full flexibility in installation.

Event logs and disturbance recording

The arc flash protection functionality of the Vamp 321 is based on electronics while supporting functions utilize numerical solutions. Comprehensive sensor-channel-specific event-buffering and a built-in disturbance recorder increase the amount of data received from the protection application to a level exceeding that of other products in the same category. The mimics of the Vamp 321, a LCD dot matrix display, include new features such as a busbar single line diagram and 16 programmable two-color led alarms with user-configurable legend texts. The concept also includes versatile menus allowing detailed data on system status and a clock for real-time event tracking. The unit has two programmable function keys for user-specific control.

PC configurable

The Vamp 321 central unit can be configured by the end-user with a PC and the Vampset software tool with a USB connection. The protection zone selection can be done on the computer screen allowing on-line views of the current configuration, settings and system status. The unit has direct input for three dedicated arc sensors and further functionalities with optional inputs according to customer needs. Furthermore, the central unit also supports user-configurable logic, thus extending the selectivity of the protection scheme.

Thanks to its flexible and modular design, the Vamp 321 allows easy and quick adaptation to new customer features in the future.

Vamp Ltd

Vamp Ltd specializes in arc flash protection solutions, protection relays and measuring and monitoring units for low and medium voltage power systems. In 1995, Vamp was the very first company to introduce arc flash protection in their protection relays. Today, more than 9000 Vamp arc flash protection applications - everything from single units to multi-zone systems - have been installed worldwide.

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