

The world's safest socket system - Power behind the bars!

Small cause, large effect. SMISSLINE TP is the world's first pluggable socket system to ensure that load-free devices and components can be snapped on and off under voltage with no need for additional personal protective equipment to guard against electrical hazards. That opens up completely new prospects for you when it comes to installation, operation and flexibility.

Contact us

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SMISSLINE TP - Touch Proof System Power and Safety







Remote power panel - Data Center Application Note



Backup Protection

Based on backup and selectivity requirements either a High Performance Circuit Breaker (S800) or a Molded Case Circuit Breaker (Tmax) is used to protect the Sub-Distribution. The Backup protection complies with IEC/EN/UL and allows industrial use

Circuit Monitoring System – CMS

CMS is the most compact, neat and hassle-free branch circuit monitoring system available on the market. The sensors get mounted directly on the SMISSLINE Miniature Circuit Breakers and there is no need of conventional expensive and cumbersome cabling.

Bus feeder block

When supplied from center, SMISSLINE TP system can accomodate up to 200A (240Vac), considering not more than 100A on each side of the feeder blocks. 3 or 4 incoming blocks allowing connection of #8 to 3/0 AWG wires. Completely fingersafe and pluggable.

Touch proof SMISSLINE TP system

The world's first pluggable and touch proof socket system, SMISSLINE TP ensures

that load-free devices and components can be safely snapped on and off under voltage without shutting down one server. There is no need for additional personal protective equipment. You can save 20% space for the typical A/B distribution in a data center. Compared to a conventional build up time of 15 hours of an RPP like this - SMISSLINE needs only 8h which allows another 45% of time saving.

Absolutely safe without protective equipment The SMISSLINE TP principle taken further

The ingenious Click system

Using the SMISSLINE TP system's unique SMISS CLICK function, five different protective devices can easily be plugged into one pluggable socket system with integrated busbars. In this way, the SMISSLINE system allows the uncomplicated, modular, flexible distribution of power up to a rated current of 200 A. Plugging in the devices quickly and without problems is essential for timesaving, cost-effective planning and execution.

Even safer: Protection against electrical hazards

We have upgraded our unique SMISSLINE TP socket system even further through the addition of a pioneering innovation. With the new SMISSLINE TP system, components can now be plugged in or unplugged load-free without any risk from electrical current running through the body. The SMISSLINE TP pluggable socket system is completely finger-safe (IP20B) - when devices are plugged in and unplugged, the system is always touch-proof. This means that SMISSLINE TP prevents any danger to personnel from switching arcs or accidental arcing.

Even more flexible: make additions and changes during ongoing operation

Pluggable devices can be added and changed quickly, safely and simply during ongoing operation. And this can be done without any need for personal protective equipment. This means that you benefit from more flexibility, savings on installation and maintenance - and improved safety. SMISSLINE TP provides greater availability and operating safety than conventional systems.

SMISSLINE TP: The successful system is now finger-safe

With SMISSLINE TP, fitters no longer require personal protective equipment, and so both the fitting and the operation/ expansion of the installation can now be carried out more safely, faster and thus more efficiently.



Time and space saving

Wiring SMISSLINE TP is much easier compared to with conventional alternatives. The input wiring is already integrated in the pluggable socket system. That reduces the number of cables in the switchgear cabinet, which is much clearer and tidier as a result. If installed the cabinet vertically, space can be saved as there is no need to have extra terminals. This design needs less space. A vertical SMISSLINE TP cabinet allows a compact design offering maximum flexibility and time/ cost savings in both new and modified installations.

Horizontal installation

Vertical installation

The UL Range

- Miniature circuit breakers (1p, 2p, 3p, 4p) under evaluation.
- Busbar system, contact rails max. 100 A.
- Incoming system with max. 200 A (240Vac) Center-fed
- Universal adaptors to mount existing S200 series MCBs
- Combi modules for MS starters / contactor combination
- Wide range of additional accessories available
- UL508 / CSA C22.2 No. 14-13 component certified (cURus)

SMISSLINE TP at a glance

- Safe: load-free plugging in and unplugging possible under power
- Flexible: rapid replacement, easy expansion, mixed-pole layout possible
- Economical: saves time and space thanks to the plug-in technology







