SMISSLINE TP – Touch proof system

Power and safety

Even safer: guard against electrical hazards

The new SMISSLINE TP system ensures 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. The SMISSLINE TP plug-gable socket system is completely finger-safe (IP2XB) – when devices are plugged in or unplugged, it is always touch-proof. SMISSLINE TP thus prevents any danger to personnel from switching arcs or accidental arcing.

Mixed-polarity layout with SMISSLINE TP

1-, 2-, 3- or 4-pole devices with or without auxiliary switch and/or signal contacts can all be laid out in any order on the SMISSLINE TP plug-gable socket. Even devices of different designs with or without auxiliary switch and signal contacts can be placed next to each other as required. From planning to installation, that keeps your mind clear and offers a considerable time advantage.

Note:
We reserve the right to make technical changes or modifications to the document without prior notice. ABB regards to produce errors, the general responsibility and general. ABB does not assume any responsibility what manner for potential errors or possible loss of information in this document.

Mixed-polarity layout with SMISSLINE TP

1-, 2-, 3- or 4-pole devices with or without auxiliary switch and/or signal contacts can all be laid out in any order on the SMISSLINE TP plug-gable socket. Even devices of different designs with or without auxiliary switch and signal contacts can be placed next to each other as required. From planning to installation, that keeps your mind clear and offers a considerable time advantage.

Easy configuration: The plug contact can be moved between the L1, L2 and L3 positions without any problems.

The line conductor displays are located on the front of the device. The full capacity of a battery system, for example, is always available.

Note:
We reserve the right to make technical changes or modifications to the document without prior notice. ABB regards to produce errors, the general responsibility and general. ABB does not assume any responsibility what manner for potential errors or possible loss of information in this document.

Contact

ABB Switzerland Ltd.
Low Voltage Products
Fulachstrasse 150
CH-8201 Schaffhausen
Tel. +41 58 586 41 11
Fax +41 58 586 42 22
www.abb.ch
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.

Power behind bars
The world’s safest socket system

- Much cleaner and tidier cabinet thanks to the absence of the input terminal
- Vertical structure saves space in the switchgear cabinet
- Computer centres / critical power
- Hospitals
- Universities
- Industrial facilities
- Banks and insurance companies
- Telecommunications
- Public buildings such as shopping centres
- Airports and tunnels

Maximum availability at all times
Applications with SMISSLINE TP

More advantages for a wide range of applications
The plug in SMISSLINE TP system reveals its strengths whenever rapid replacement, simple expansion capabilities, a mixed polarity layout or a high level of standardisation are called for. It is also ideal in any situation where costly downtime must be avoided.

Time and space savings for fitting and installation
Wiring SMISSLINE TP is much easier compared to 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 cleaner and tidier as a result. It installed the cabinet vertically, space can be saved as there is no need to have extra terminals. The 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.

Freedom for architects and planners
With SMISSLINE TP, multi-pole devices can be positioned anywhere. The system provides flexible architecture and many different power supply options. The ability to incorporate last minute changes promptly is likewise a great advantage.

Increased reliability and availability
SMISSLINE TP allows quick and simple handling of pluggable devices with a shorter mean time to repair (MTTR).

Easy expansion
Thanks to SMISSLINE TP, new devices can now be integrated easily and safely. The system can be expanded faster, more efficiently and fully compatible with the existing installation.