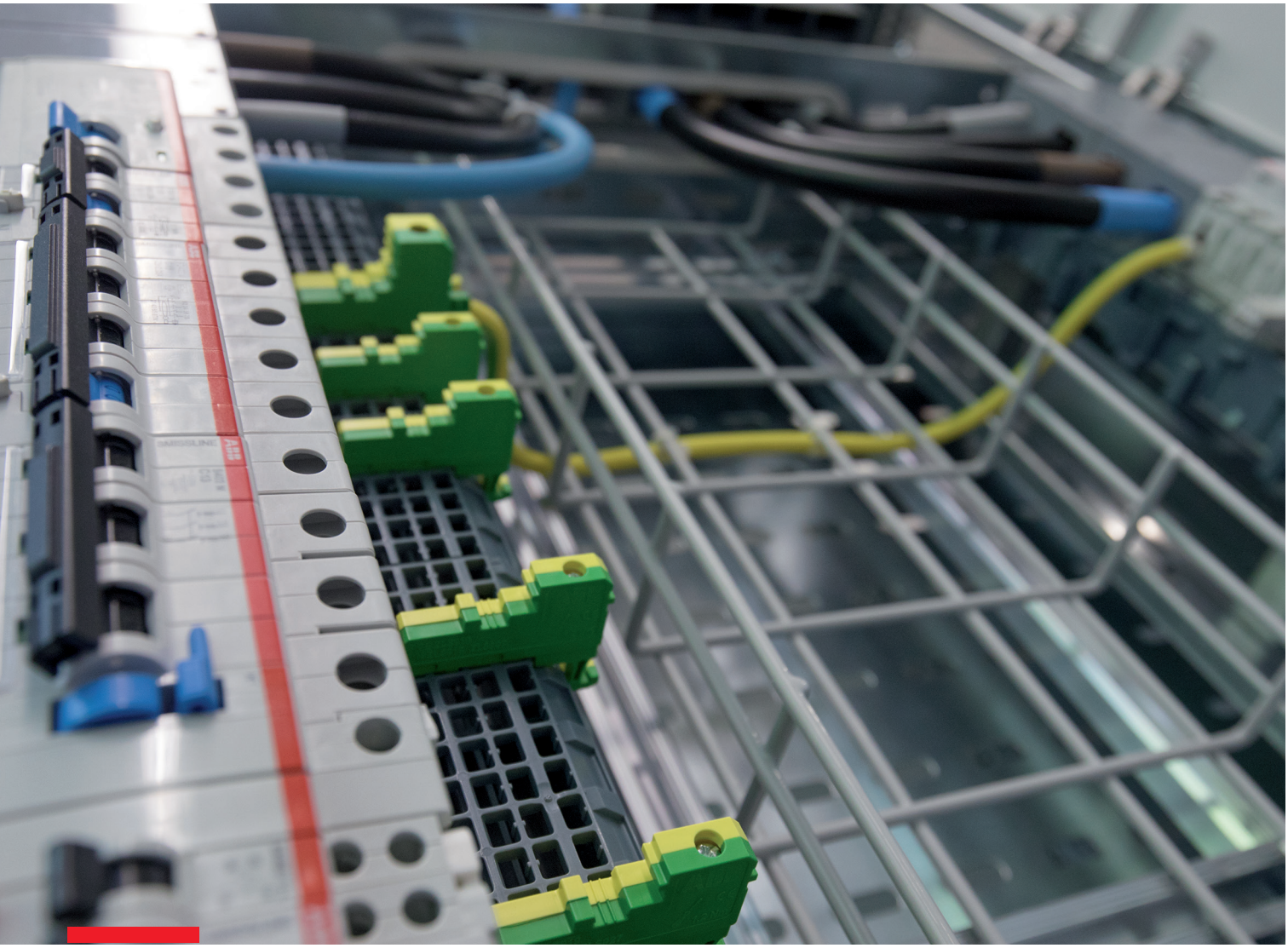


# SMISSLINE TP – Touch proof system

Power and safety

- Devices and components can be plugged on and off under voltage
- No need for additional personal protective equipment to guard against electrical hazards
- Maximum system availability

## Small cause, large effect.

**SMISSLINE TP is the world’s first pluggable socket system that allows load-free devices and components to be plugged on and off under voltage with no need for additional personal protective equipment to guard against electrical hazards.**

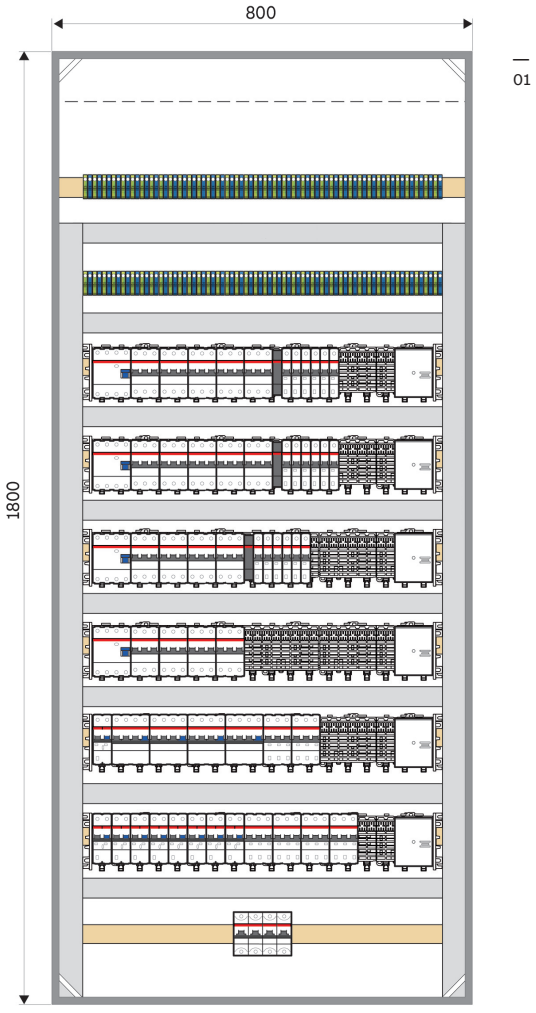
**This opens up a completely new prospect when it comes to installation, operation and flexibility.**

# Power behind the bars
## The world’s safest socket system

— 01 Horizontal installation
— 02 Vertical installation

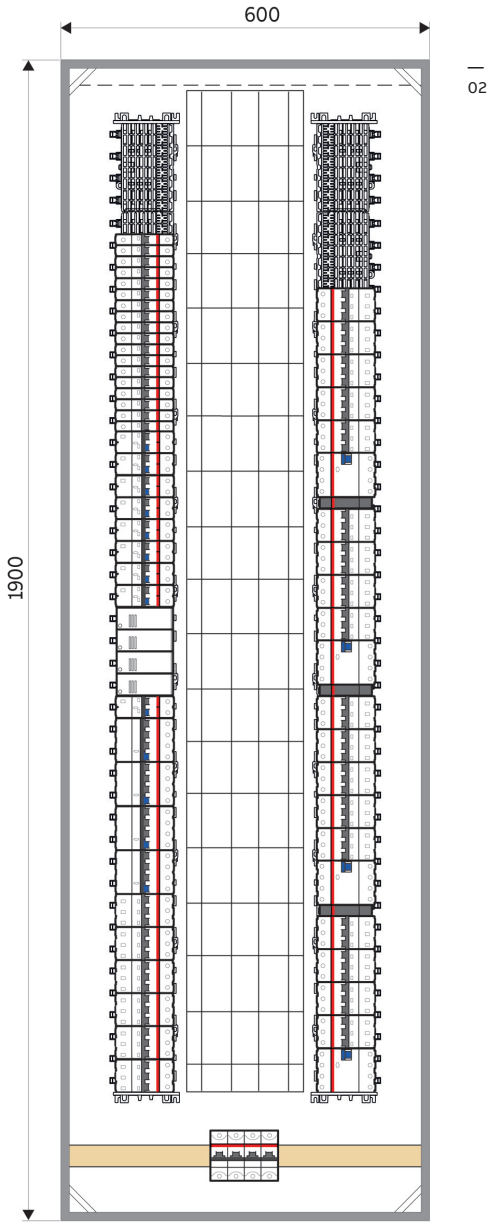
**Time and space savings for fitting and installation**
Wiring SMISSLINE TP is far easier when compared to conventional alternatives. The input wiring is already integrated into the pluggable socket system, this reduces the number of cables in the switchgear cabinet and makes it clearer and better organized. SMISSLINE TP offers maximum flexibility as it can be installed either horizontally or vertically.

### A clearer and more organized cabinet thanks to integrated input wiring in the pluggable socket system




### Vertical structure saves space in the switchgear cabinet

If installed vertically space can be saved as it allows for a more compact design and there is no need to have any extra terminals. As a result, it saves time and costs in both new and modified installations.



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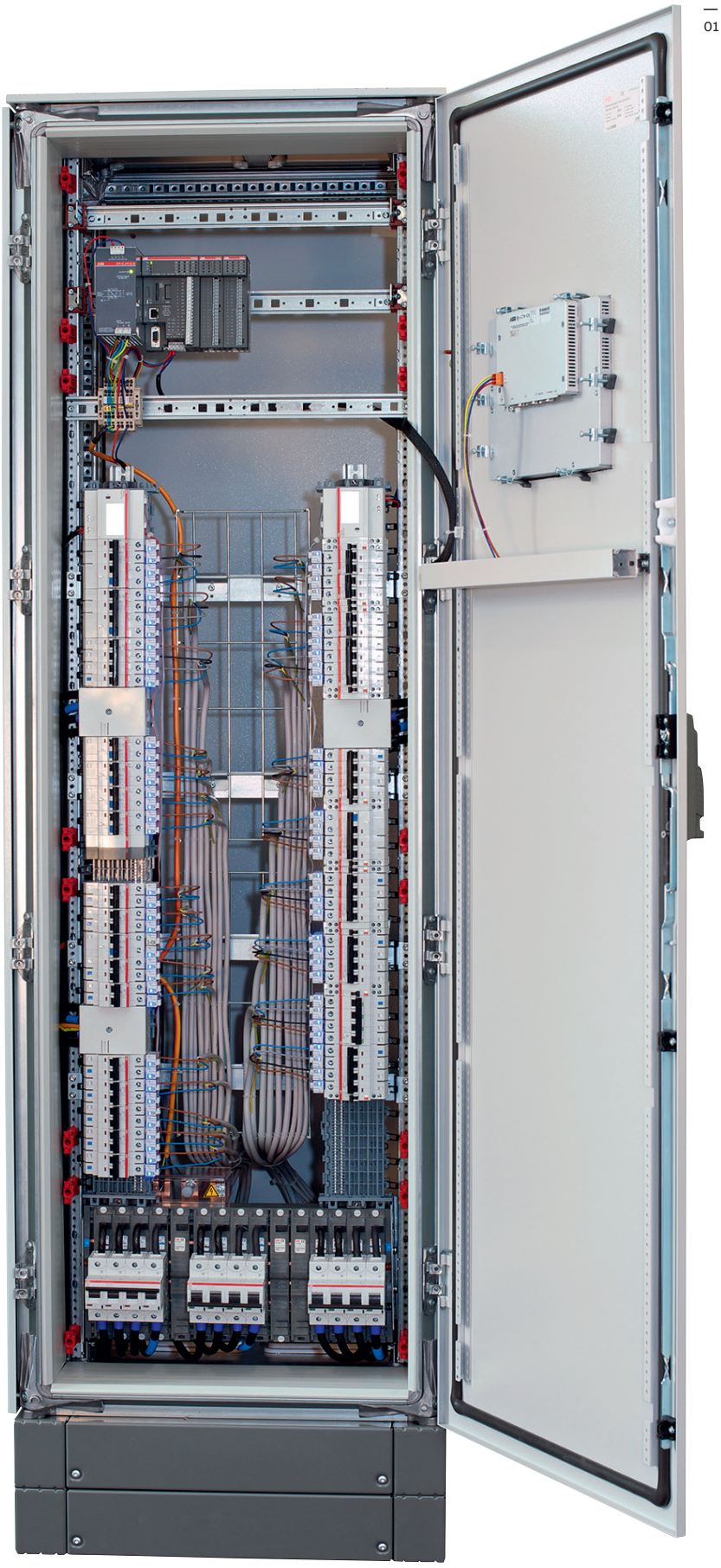
01 Space saving vertical structure. The input wiring is already integrated.



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01

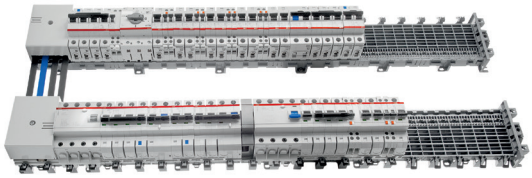
# SMISSLINE TP – Maximum availability at all times
## Applications

**More advantages for a wide range of applications**
The plug-in SMISSLINE TP system main strengths are wherever rapid replacement, simple expansion capabilities, a mixed-polarity layout or a high level of standardization is required. It is also the perfect fit for any application where costly downtime must be avoided, such as:

- Hospitals
- Data centers
- Universities
- Industrial facilities
- Banks and insurance companies
- Telecommunications
- Public buildings such as shopping malls
- Airports and tunnels

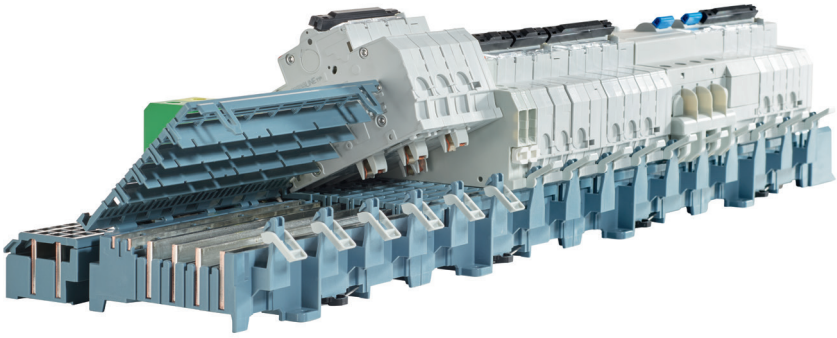
**Freedom for architects and planners**
With SMISSLINE TP, multi-pole devices can be positioned anywhere. The system provides flexible architecture with many different power supply options. The ability to promptly incorporate last-minute changes is also a great advantage..

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



Flexible options as multi-pole devices can be positioned anywhere.

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



## No costs for keeping spare devices

**Mixed-polarity layout with SMISSLINE TP**
1-, 2-, 3- or 4-pole devices with or without auxiliary switches and/or signal contacts can be installed in any order on the SMISSLINE TP pluggable socket. Even devices of different designs with or without auxiliary switch and signal contacts can be placed next to each other. From planning to installation, its simplifies the design process and offers a considerable time advantage.

**Even safer: guard against electrical hazards**
The SMISSLINE TP system ensures that load-free devices and components can be plugged on and off under voltage with no need for additional personal protective equipment to guard against electrical hazards. The pluggable socket system is completely finger-safe (IP2XB) when devices are plugged in or unplugged, it is always touch-proof. SMISSLINE TP prevents against any danger to personnel such as switching arcs or accidental arcing.

Easy configuration: The plug contact can be moved between the L1, L2 and L3 positions with ease and the line conductor display is located on the front of the device. As a result, phase overloading can be avoided and the full capacity of the system can made available.

## Time and resource savings

**ABB Ltd.**
Electrification Business
Smart Buildings business line

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9AKK107680A1146 EN 05.03.2020