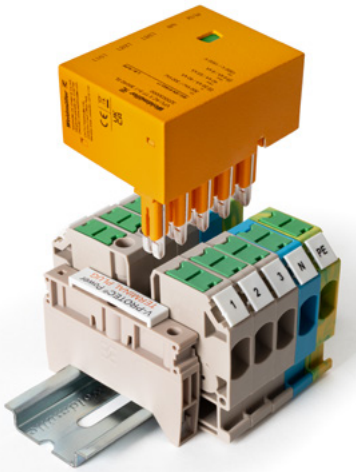
V-PROTEC® Power – Lightning and surge protection for energy systems (AC)

VPU AC II TERMINAL PLUG – Surge Protection Device

Pluggable surge protection device for SNAP IN terminal blocks

Faster installation, better protection:
The VPU AC II TERMINAL PLUG is the first pluggable Type II surge protection device for SNAP IN terminal blocks. Mounted directly on the power feed-in terminal blocks, it saves space and reduces wiring effort, shortens installation time and prevents typical wiring errors. Thanks to the direct integration of the SPD into the terminal block, the TERMINAL PLUG perfectly meets the requirements of the 0.5-metre rule as set out in EN 60364-4-443. With a cable length of 0 metres between the feed-in point and the SPD, installation risks are reduced and the level of protection is increased.

Pluggable SPDs can be retrofitted to save space and provide reliable protection without major modifications. For testing or replacement, the module can be easily levered out with a screwdriver and plugged back in – ideal for sub-distributions in building, industrial and retrofit applications.

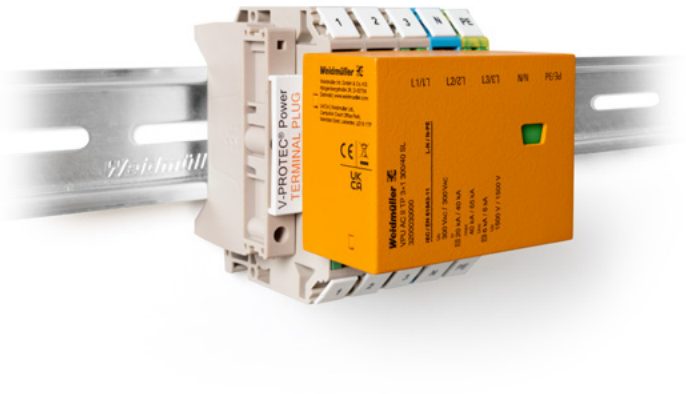


SNAP IN
Invented by Weidmüller.



YOUR SPECIAL ADVANTAGES:

- Direct mounting on SNAP IN terminal blocks
- Reduced space and wiring effort
- Standards-compliant installation in accordance with EN 60364-4-443
- Matching SNAP IN terminal blocks available as a set
- Ideal for retrofits
- I_{max}: 40 kA / 65 kA (L-N / N-PE) (8/20µs)
- Easy remote monitoring with a remote contact
- Universal 3+1 circuit



PLUGGABLE SURGE PROTECTION | SPACE-SAVING INSTALLATION | TOOL-FREE INSTALLATION | EASY REPLACEMENT

APPLICATIONS:

Reliable building protection starts at the distribution board: The VPU AC II TERMINAL PLUG reliably protects electrical installations against transient overvoltages and helps to ensure the continuous availability of sensitive electrical and electronic equipment. From HVAC systems and heat pumps to EV charging infrastructure and building power supplies, its compact, pluggable design enables space-saving integration into the electrical distribution system.

Reduced wiring effort simplifies installation and accelerates commissioning, testing and maintenance. This provides planners, installers and operators with high installation quality, shorter service times and standards-compliant surge protection.

RELEVANT INDUSTRIES

- Machinery
- Wind Energy
- Photovoltaics
- Traditional power
- Power Transmission and distribution
- Water and Wastewater treatment
- Oil and Gas
- Hydrogen
- Railway
- Shipbuilding
- Building Infrastructure
- Data Center
- Cabinet building
- Energy Storage
- Device Manufacturer

TECHNICAL DATA

Product description	Type	Version	Grid type	Rated Voltage Uc (AC) / Discharge current (I_{max})	Connection	Description	Order No.
VPU AC II TP 3+1 300/40 SL	II + III	4-pole, pluggable	TT, TN-C-S, TN-S	300 V / 40 kA	SNAP IN	Without remote contact	3200030000
VPU AC II TP 3+1 R 300/40 SL	II + III	4-pole, pluggable	TT, TN-C-S, TN-S	300 V / 40 kA	SNAP IN	With remote contact	3200040000
LST SL-SERIES SET	-				SNAP IN	Set with terminal blocks	8000178196

Product description	Content Set	Version	Quantity	Order No.
SL2C 10	Terminal block SNAP IN 10 mm²	Feed through terminal block	3	3037500000
SL2C 10 BL	Terminal block SNAP IN 10 mm² blue	Feed through terminal block	1	3037510000
SL2C 10 PE	PE terminal block SNAP IN 10 mm²	PE terminal block	1	3037520000
AEB 35 SC/1	End bracket		1	1991920000
SLEP 2C 10	End plate		1	3037650000

Visit our website for more information
www.weidmueller.com/terminal-plug

Visit our online catalogue for more information

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