

VARITECTOR ZPA S

Integrating powerful surge protection
in confined spaces

Even smaller, even more powerful!

Surge protection is a mandatory component in all commercial and private real estate according to DIN VDE 0100-443 und -534. The space-saving installation on the 40mm rail system guarantees the best protection with the smallest space requirement.

The VARITECTOR ZPA S provides optimum protection against lightning and surge voltage damage in a width of only 31 mm. It combines type I, II and III arresters in one unit and can be integrated without screws on three-phase busbars with separate PE connection. This also supports installations with 2 SLS switches. Product variants with two fused voltage taps enable the accommodation of additional applications. An optional signal output reports the protection status.



Your special advantages:

- Space-saving design with a width of only 31 mm
- Available for network types TN-C, TN-S, TT or IT
- Variants with 12.5 kA and 7.5 kA discharge current
- Combined type I, II and III arrester in one product
- Installation in the pre-metering area according to application rule VDE-AR-N 4100

Fast installation

The VPU ZPA S is snapped on easily, quickly and without tools in the pre-metering area. Tool-free installation increases safety and efficiency.

Space-saving design

Due to its overall width of only 31 mm, the ZPA S module can also be combined with 2 SLS switches and feed-in adapter. All requirements of VDE-AR-N 4100 are met.

Innovative additional tap

Pluggable voltage tap with PUSH IN connection according to VDE-AR-N 4100, for RfZ (room for additional application) and APZ (connection point meter)

Functional remote signalling contact

The remote signalling contact of the VPU ZPA S is monitored via the building management system, so that faults are detected quickly and in the right time.

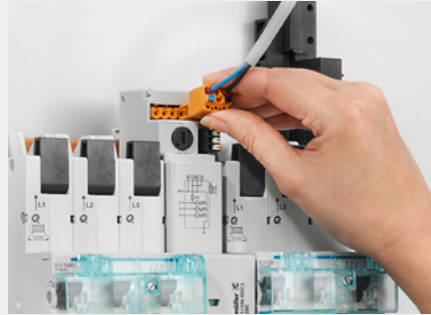


Installation guide – Easily installed in just 3 steps



Step 1

Snap the combined lightning arrester onto the 40 mm busbar



Step 2

Provide power supply for RfZ and APZ



Step 3

Establish earth connection

Technical data

Pos.	Description	Mains voltage / lightning impulse current (I_{imp})	Version	Net form	Order No.
12,5 kA – without phase tap					
1	VPU ZPA S I 3 300/12,5	300 V AC / 12,5 kA	Without remote contact, leakage current-free	TN-C	2830870000
2	VPU ZPA S I 3 R 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	2830880000
3	VPU ZPA S I 3+1 300/12,5	300 V AC / 12,5 kA	Without remote contact, leakage current-free	TN-S, TT, IT	2830900000
4	VPU ZPA S I 3+1 R 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	2830910000
12,5 kA – with phase tap L1					
5	VPU ZPA S I 3 RA 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	2830890000
6	VPU ZPA S I 3+1 RA 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	2830920000
7,5 kA – without phase tap					
7	VPU ZPA S I 3 300/7,5	300 V AC / 7,5 kA	Without remote contact, leakage current-free	TN-C	2830930000
8	VPU ZPA S I 3 R 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	2830940000
9	VPU ZPA S I 3+1 300/7,5	300 V AC / 7,5 kA	Without remote contact, leakage current-free	TN-S, TT, IT	2830960000
10	VPU ZPA S I 3+1 R 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	2830970000
7,5 kA – with phase tap L1					
11	VPU ZPA S I 3 RA 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	2830950000
12	VPU ZPA S I 3+1 A 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	2830980000



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