

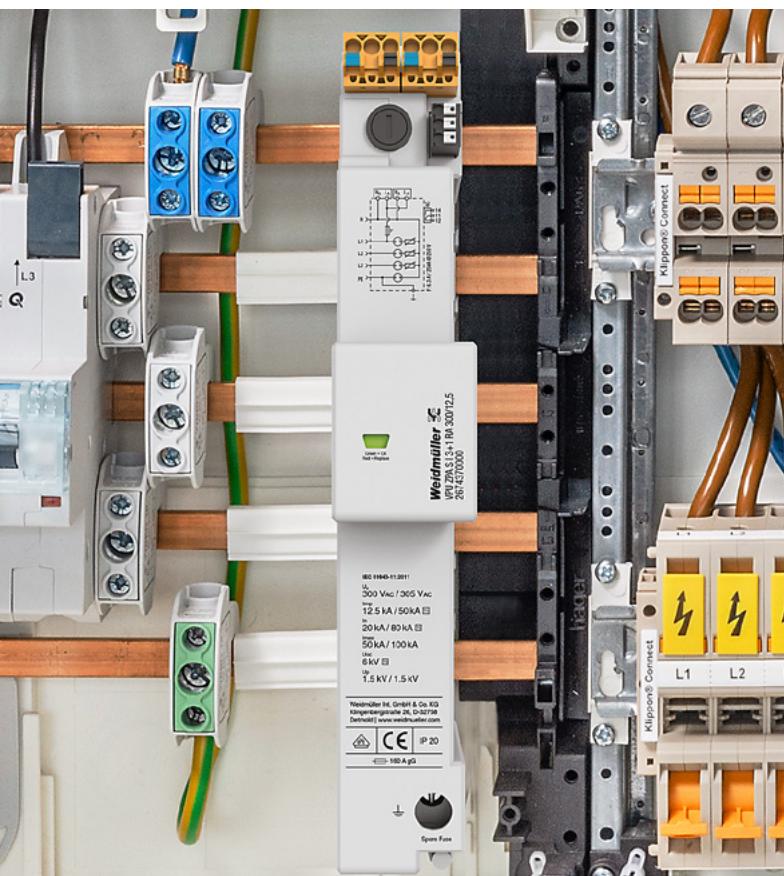
# VARITECTOR ZPA S

## 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 36 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 36 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



### Innovative additional tap

The pluggable additional tap with PUSH IN connection allows additional applications such as a modem to be connected directly – without extending the 40 mm busbar system.

### 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.



VPU ZPA

VPU ZPA S

### 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	Continuous current / lightning impulse current (I <sub>imp</sub> )	Version	Net form	Order No.
	12,5 kA - without phase tap				
1	VPU ZPA S I3 300/12,5	300 V AC / 12,5 kA	Without remote contact, leakage current-free	TN-C	<a href="#">2830870000</a>
2	VPU ZPA S I3 R 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	<a href="#">2830880000</a>
3	VPU ZPA S I3+1 300/12,5	300 V AC / 12,5 kA	Without remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830900000</a>
4	VPU ZPA S I3+1 R 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830910000</a>
	12,5 kA - with phase tap L1				
5	VPU ZPA S I3 RA 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	<a href="#">2830890000</a>
6	VPU ZPA S I3+1 RA 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830920000</a>
	7,5 kA - without phase tap				
7	VPU ZPA S I3 300/7,5	300 V AC / 7,5 kA	Without remote contact, leakage current-free	TN-C	<a href="#">2830930000</a>
8	VPU ZPA S I3 R 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	<a href="#">2830940000</a>
9	VPU ZPA S I3+1 300/7,5	300 V AC / 7,5 kA	Without remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830960000</a>
10	VPU ZPA S I3+1 R 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830970000</a>
	7,5 kA - with phase tap L1				
11	VPU ZPA S I3 RA 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	<a href="#">2830950000</a>
12	VPU ZPA S I3+1 RA 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-S, TT, IT	<a href="#">2830980000</a>



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