VARITECTOR – Lightning and surge protection

V-ZPA Fuse Holder S

Fuse module for 40 mm busbars

Perfect protection for intelligent metering systems
The V-ZPA Fuse Holder S fuse module is used in meter cabinets. It enables the power supply of intelligent measuring systems and complies with the requirements of VDE-AR-N 4100.

Two fused voltage taps from the grid-side connection compartment (NAR) directly supply the metering device and the smart meter gateway in new installations and retrofits. The Fuse Holder S with a slim design and misinsertion protection is easy to install. The 6.3 A fuse (25 kA breaking capacity) secures the voltage tap.

Safety for additional applications such as smart meter gateways

Simple snap-on to 40 mm busbar systems

Installation in the mains-side connection compartment

6,3 A

Reliable fuse protection with 6.3 A in a compact design

Two standard-compliant voltage taps for high flexibility

Suitable cables for connecting the control box can be found here:
www.weidmueller.com/smartmetering-products

Lightning and surge protection

V-ZPA Terminal

Five-pole feed-in adapter for 40 mm busbars

Convenient feed-in for building installations

The V-ZPA Terminal feed-in adapters comply with all specifications of VDE-AR-N 4100. They simplify feed-in to the lower connection compartment and can be installed on 40 mm busbars to save space. The ZPA S surge protection and the feed-in adapter can be easily installed in confined spaces – for example between two SLS switches.

Lightning and surge protection

VARITECTOR ZPA S

Integrating surge protection in confined spaces

Even smaller, even more powerful!

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. Product variants with two fused voltage taps enable the accommodation of additional applications.

Technical data

Description	Mains voltage / lightning impulse current (I_{imp})	Version	Net form	Order No.
V-ZPA Fuse Holder S				3139070000
V-ZPA Terminal				2904470000
12,5 kA – without phase tap				
VPU ZPA S I 3 300/12,5	300 V AC / 12,5 kA	Without remote contact, leakage current-free	TN-C	2830870000
VPU ZPA S I 3 R 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	2830880000
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
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				
VPU ZPA S I 3 RA 300/12,5	300 V AC / 12,5 kA	With remote contact, leakage current-free	TN-C	2830890000
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				
VPU ZPA S I 3 300/7,5	300 V AC / 7,5 kA	Without remote contact, leakage current-free	TN-C	2830930000
VPU ZPA S I 3 R 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	2830940000
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
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				
VPU ZPA S I 3 RA 300/7,5	300 V AC / 7,5 kA	With remote contact, leakage current-free	TN-C	2830950000
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

Visit our website for more information
www.weidmueller.com/varitector

Visit our online catalogue for more information

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