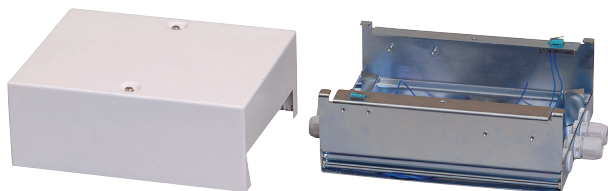




IMI-AE10 Voltage Surge Protection Housing



- ▶ Voltage surge protection housing for accommodating max. 10 bases
- ▶ Tamper surveillance
- ▶ Hinged sideplates on housing subsection for easy installation
- ▶ 8 cable entry points
- ▶ VdS class C
- ▶ DIN EN 50131-1

Voltage surge protection housing with 35 mm distributor rail for accommodating max. 10 bases.

Functions

The main purpose of the voltage surge protection housing is to house the protective elements for "other lines".

Combined usage of protective elements for "other lines" and network protection is not permitted.

The various elements are placed on and fixed to a 35 mm mounting rail.

This mounting rail provides the ground connection for the protective elements serving "other lines".

The hinged sideplates of the housing base make both the installation and wiring of the protective elements quick and easy.

Certifications and Approvals

Region	Certification
Germany	VdS G 109077, C Überspannungsschutzgehäuse

Installation/Configuration Notes

Laws/Standards/Guidelines

- The "Protective measures against voltage surges" in accordance with DIN VDE and VdS must be complied with.
- Since 11/1/2004, the new VdS 2833 (2003–11) guidelines, "Protective measures against voltage surges for security systems", apply. These replace the regulations in VdS 2311 (1998–12), Appendix F.
- Effective voltage surge protection always requires correct equipotential bonding (DIN VDE 0100 Part 410, DIN V EN V 61024-1).
- Voltage surge protection elements for the network must only be installed by a qualified electrician or by a utilities-approved electrical company.
- The device is suitable for use in intrusion alarm systems in accordance with DIN EN 50131-1.

Parts Included

Type	Qty.	Component
IMI-AE10	1	Voltage surge protection housing

Technical Specifications

Grounding cable	Min. 6 mm ²
Recommended cable type (Input units)	Installation cable JY (St) Y
Tamper surveillance	2 tamper contact
Environmental conditions	
• Operating temperature	-40 °C to +85 °C
• Storage temperature	-40 °C to +85 °C
• Housing protection type	IP 54
• Environmental class	II
Enclosure	
• Material	Galvanized steel sheet housing base/ powder-coated housing cover
• Color	RAL 9016
• Dimensions (H x W x D)	225 x 173 x 85 mm
• Weight	2.1 kg

Ordering Information

IMI-AE10 Voltage Surge Protection Housing IMI-AE10

For mounting a max. of 10 bases on a 35 mm mounting rail

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