

## MAINS INFEED CASE MINI

### Protective device against direct lightning strikes with integrated intermediate transformer

#### Scope of application

- on vehicles or in transportable working places with safety isolating transformer
- safe separation
- lightning protection
- Lightning arrester (SDP) Type 1
- Protective device
- Protection class II
- for information technology equipment
- for unshielded systems
- overtemperature and overcurrent shutdown
- suitable for standard cutout A in FM cabins <sup>1)</sup>
- conductive connection to standard cutout via combination seal
- integrated inrush current attenuation
- low power loss
- connections for lightning protection earthing and lightning protection equipotential bonding M10 wing nuts
- connection for equipotential bonding cabin (inside) star handle M8
- standard color: RAL 6031
- other RAL colors and two-tone (inside / outside) possible

HD 60364-7-717

EN 61558-2-4

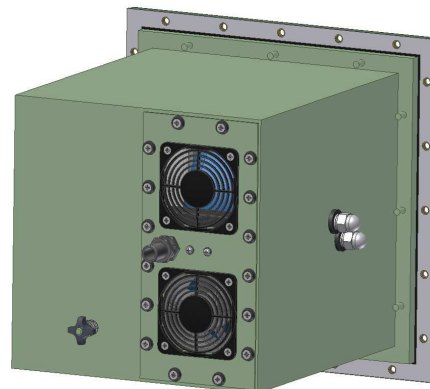
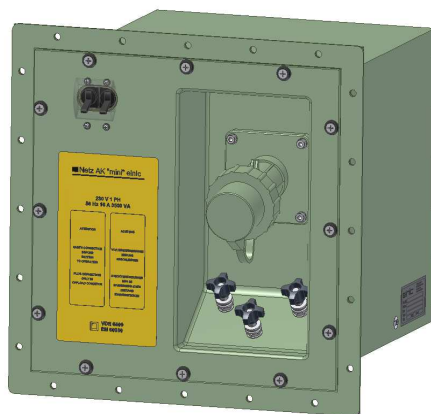
DIN EN 62305

DIN EN 61643-11

VG 96907

HD 60364-4-41

EN 60950



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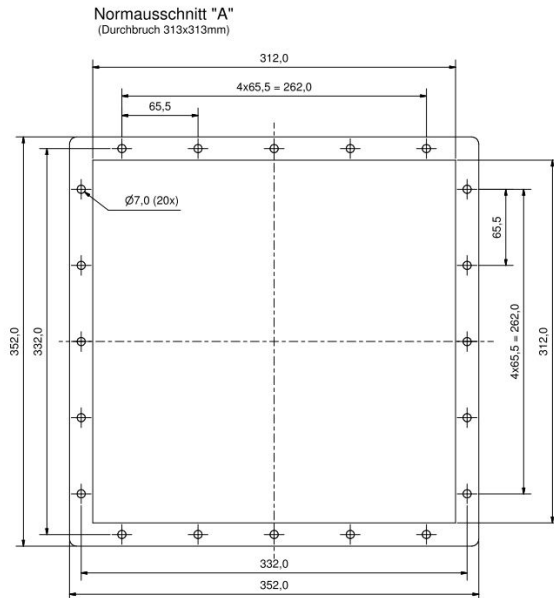
### Technical Data

Rated voltage	230V~
Rated frequency	50Hz-60Hz
Plug coding	6h
Number of poles	3
Network type input/output	random / TT, IT or TN-S Network
Nominal power	3500VA / $\cos \varphi$ 0.8
Plug input	EN 60309
Protection class	II
IP protection	Outside IP54
Fuse	16A ( built-in )
Overtemperature protection	Winding approx. 110°C
Temperature range	-40°C to + 40°C without performance reduction
Climatic zones	AECTP 200 (STANAG 2895) A1,A2,A3,B1,B2,C0,C1 <sup>2)</sup>
Shock	MIL-STD 810F Method 516.5 30g 11ms
Shake	MIL-STD 810F Method 514.5 Ground Vehicles
Version	unshielded
Output	cable 2m / open ends optional plug
Lightning current test DIN EN 62305	Lightning stroke current arrester (SPD) Type1
Measurements LxWxH	352x352x342 (without screw connection and grounding screw)
Weight	approx. 50 kg

1) other dimensions on request

2) > +40°C with performance reduction

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### Option E.AKM1.

- Output TN-S Network
- Outside IP 54
- Plugs under cover (extension of casing) H: 500mm, Weight: TBD
- Primary current signal lamp
- Colour TBD

