

The „flexible“

Transformer Protection Housing

For indoor and
outdoor

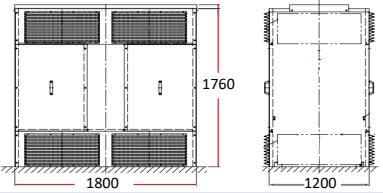
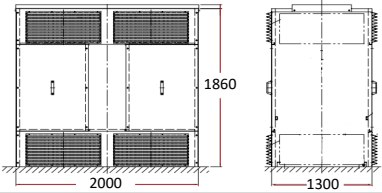
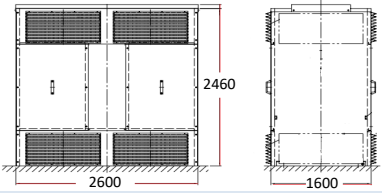
TGS - I / TGS - O

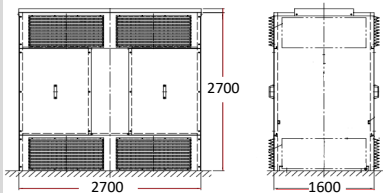
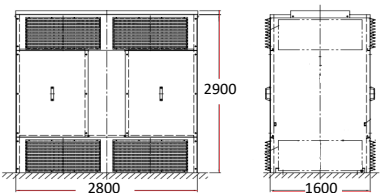
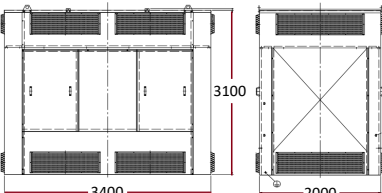




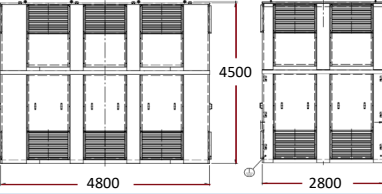
Most important at a glance

- For outdoor and indoor erection
- For floor mounting and mounting on a transformer undercarriage
- Available pre-assembled or as a kit
- Special dimensions on request
- Bolted construction
- No welds
- Easy on-site erection

Transformer housing TGS-I (Indoor) / Specifications

| Size | A1 | | A | | B | |
|------------------------|---|--------------------------|--|--------------------------|---|--------------------------|
| Dimension |  | |  | |  | |
| Dimension L x W x H | outside | 1800mm x 1200mm x 1760mm | outside | 2000mm x 1300mm x 1860mm | outside | 2600mm x 1600mm x 2460mm |
| | inside / protective radius | 1700mm x 1100mm x 1660mm | inside / protective radius | 1900mm x 1200mm x 1760mm | inside / protective radius | 2500mm x 1500mm x 2360mm |
| Weight | Net | 250 kg | Net | 300 kg | Net | 500 kg |

| Size | C | | D | | E | |
|------------------------|---|--------------------------|--|--------------------------|---|--------------------------|
| Dimension |  | |  | |  | |
| Dimension L x W x H | outside | 2700mm x 1600mm x 2700mm | outside | 2800mm x 1600mm x 2900mm | outside | 3400mm x 2000mm x 3100mm |
| | inside / protective radius | 2600mm x 1500mm x 2600mm | inside / protective radius | 2700mm x 1500mm x 2800mm | inside / protective radius | 3300mm x 1900mm x 3000mm |
| Weight | Net | 600 kg | Net | 700 kg | Net | 900 kg |

| Size | F | | G | | H | |
|------------------------|---|--------------------------|--|--------------------------|---|--------------------------|
| Dimension |  | |  | |  | |
| Dimension L x W x H | outside | 4000mm x 2200mm x 4000mm | outside | 4200mm x 2400mm x 4000mm | outside | 4800mm x 2800mm x 4500mm |
| | inside / protective radius | 3900mm x 2100mm x 3900mm | inside / protective radius | 4100mm x 2300mm x 3900mm | inside / protective radius | 4700mm x 2700mm x 4400mm |
| Weight | Net | 1400 kg | Net | 1500 kg | Net | 2000 kg |

| Size | I | | Generally | | | |
|------------------------|---|--------------------------|--|--|--|--|
| Dimension |  | | Material: TGS-I Gr. A-D: Galvanized sheet steel, 2 mm TGS-I Gr. E-I: Galvanized sheet steel, 3 mm Screws: Galvanized Painting: powder coating RAL 7035 interior, layer thickness, monolayer | | | |
| Dimension L x W x H | outside | 4800mm x 2800mm x 5600mm | Protection: Optional IP21, 23, 31 or 33 interior, optional IP 23/33 D with punting safe ventilation modules Air vents: dimensioned for 100% AN | | | |
| | inside / protective radius | 4700mm x 2700mm x 5500mm | Earthing: 2 x earthing bolts M12 Remov. cover: (A1-E)=2pcs.longitudinal, (F-I)=3pcs.longitudinal und 2stck.small-side. with handle Ventilation: Supply air-and exhaust air-vents in the lower and upper panels on the longitudinal side | | | |
| Weight | Net | 2600 kg | Installation: Floor mounting, no bottom plate Doc. : General drawing, Mounting instruction | | | |

* The mentioned power allocations are approximate. The assignment must be checked if required!

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Transformer housing TGS-O (Outdoor) / Specifications

| Size | A1 | | A | | B | |
|------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|
| Dimension | | | | | | |
| Dimension L x W x H | outside | 2000mm x 1250mm x 2000mm | outside | 2250mm x 1450mm x 2400mm | outside | 2500mm x 1500mm x 2600mm |
| | inside / protective radius | 1900mm x 1150mm x 1900mm | inside / protective radius | 2150mm x 1350mm x 2300mm | inside / protective radius | 2400mm x 1400mm x 2400mm |
| Weight | Net | 300 kg | Net | 450 kg | Net | 600 kg |

| Size | C | | D | | E | |
|------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|
| Dimension | | | | | | |
| Dimension L x W x H | outside | 2500mm x 1500mm x 3200mm | outside | 2800mm x 1600mm x 3200mm | outside | 3600mm x 2200mm x 3500mm |
| | inside / protective radius | 2400mm x 1400mm x 3100mm | inside / protective radius | 2700mm x 1500mm x 3100mm | inside / protective radius | 3500mm x 2100mm x 3400mm |
| Weight | Net | 750 kg | Net | 850 kg | Net | 1250 kg |

| Size | F | | G | | H | |
|------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|-------------------------------|--------------------------|
| Dimension | | | | | | |
| Dimension L x W x H | outside | 4000mm x 2200mm x 3800mm | outside | 4200mm x 2400mm x 4300mm | outside | 4800mm x 2800mm x 4700mm |
| | inside / protective radius | 3900mm x 2100mm x 3700mm | inside / protective radius | 4100mm x 2300mm x 4200mm | inside / protective radius | 4700mm x 2700mm x 4600mm |
| Weight | Net | 1500 kg | Net | 1800 kg | Net | 2300 kg |

| Size | I | | Generally | | | |
|------------------------|-------------------------------|--------------------------|----------------------|---|--|--|
| Dimension | | | Material: | TGS-O Gr. A-C: Galvanized sheet steel, 2 mm TGS-O Gr. D-I: Galvanized sheet steel, 3 mm | | |
| Dimension L x W x H | outside | 4800mm x 2800mm x 5000mm | Screws: | Galvanized | | |
| | inside / protective radius | 4700mm x 2700mm x 4900mm | Painting: | powder coating RAL 7035 outdoor, monolayer, C4 | | |
| Weight | Net | 2800 kg | Protection: | Optional IP23, or 33 interior, optional IP 23/33/34 D with punting safe ventilation modules | | |
| | | | Air vents: | dimensioned for 100% AN | | |
| Weight | Net | 2800 kg | Earthing: | 2 x earthing bolts M12 | | |
| | | | Remov. cover: | (A1-C)=2pcs.longitudinal, (D-I)=3pcs.longitudinal und 1-2stck.small-side. with handle | | |
| Weight | Net | 2800 kg | Ventilation: | Supply air-and exhaust air-vents in the lower and upper panels on the longitudinal side | | |
| | | | Installation: | Floor mounting, no bottom plate | | |
| Weight | Net | 2800 kg | Doc. : | General drawing, Mounting instruction | | |
| | | | | | | |



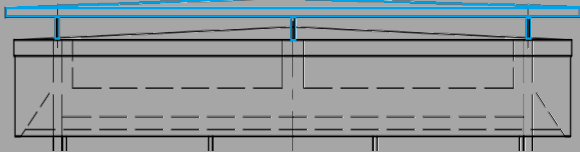

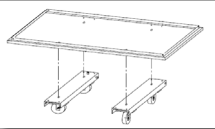




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Transformer housing **TGS-I** and **TGS-O** / Options

Special sizes available on request!

| TGS-I und TGS-O | | TGS-O |
|--|--|---|
| <p>MV-or LV-sided non drilled aluminum cable entry in the roof ONLY for TGS-I !</p>  | <p>MV or LV. side cable clamping profiles *. * Niedax 2986</p>  | <p>additional sun shield</p>  |
| <p>Rails in standard width for transverse entry including transformer brakes</p>  | <p>Chassis construction with bottom plate and U-profiles</p>  | |
| <p>Control box (incl. 5m connection cable).</p>  | <p>painting in 2-layer paint in C5 I * * Corrosively C5I-long protection period high, layer thickness, approximately 100-120 microns</p>  | |
| <p>Additional ventilation grille on the front sides to increase the ventilation area</p>  <p>max. 2 supply und 2 exhausting vents</p> | <p>Delivery as a kit</p>  | |

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