

ATEX 400VA Transformer

Zones: 1, 2, 21 and 22



Product Overview

The Wolf ATEX Transformers are CE marked to the ATEX Directive for safe use in Zones 1 potentially explosive gas and 21 dust atmospheres, where the T class and ambient temperatures permit. GRP models are also IECEx certified.

Models operating from 230V or 110V to 24V and 230V to 110V, the transformers are intended for use with the Wolf range of temporary ambient and task lights and with ancillary equipment for maintenance tasks. The transformers have 400VA and 350VA (Stainless Steel) / 320VA (GRP) dual power rating options allowing them to be safely used in a range of upper operating ambient temperatures depending on power usage.

As standard, Transformers are supplied with a 15 metre input cable fitted with an ATX plug and with four ATX output sockets fitted to the enclosure. The Transformers are available with a stainless steel or GRP enclosure, sealed to IP66, enabling use in wet and dusty conditions. In addition, a stainless steel outer protective skid makes the unit stronger and easier to handle for temporary installations ensuring that it can withstand the harshest of environments.

All Wolf's ATEX power distribution systems are robust and durable in their construction, compact and portable for easy handling and fully flexible to enable different configurations to be built to your specific hazardous area requirement.

Features & Benefits

- ATEX approved for use in Zones 1 explosive gas and 21 dust atmospheres
- IECEx certified (GRP only)
- Robust and durable construction
- Transportable and portable design
- Wide range of voltages available - 230V or 110V to 24V and 230V to 110V
- 400VA and 350VA (Stainless Steel) / 320VA (GRP) power rating options
- Fitted with 4 x ATX socket outlets
- Supplied with 15m SY cable and ATX plug
- CEAG, STAHL and Marechal socket/plug options available
- Power temporary ambient and task lighting and ancillary maintenance equipment

Certifications



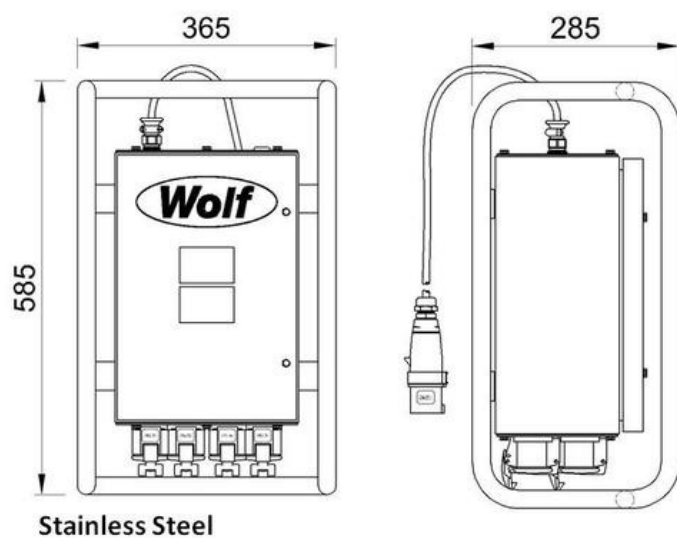
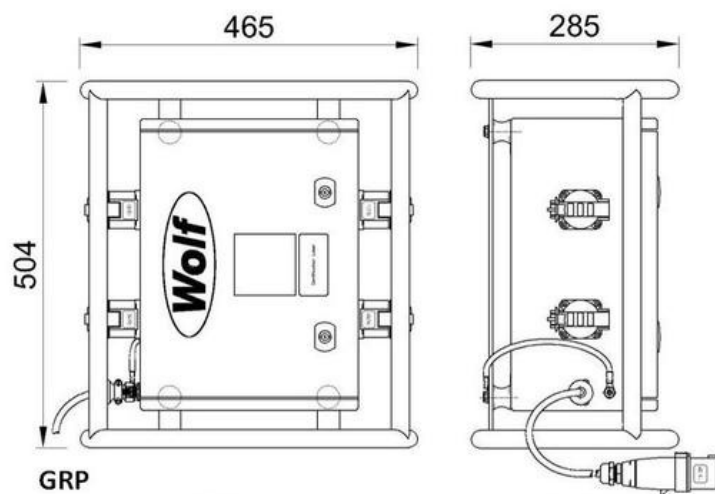
Technical Specification

| | | | | | |
|------------------------------------|---------------------------------------------------------------------|---------------------|-----------|------------------------------------------------------------------------|------------------|
| Product Reference | LL-114/T3 | LL-214/T3 | LL-221/T3 | LL-124 | LL-224 |
| Product Description | GRP | | | Stainless Steel | |
| | 110V:24V | 230V:24V | 230V:110V | 110V:24V | 230V:24V |
| Code | II2 GD Ex ed IIC T3 Ex t A21 IP66 T195°C | | | II2 GD Ex ed IIC T4 Ex tD A21 IP66 T135°C | |
| Type of Protection | 'e' increased safety, 'd' flameproof | | | | |
| Area of Classification (Gas) | Zones 1 and 2, Gas groups IIA, IIB and IIC | | | | |
| Temperature Class (Gas) | T3 | | | T4 | |
| Area of Classification (Dust) | Zones 21 and 22 | | | | |
| Max. Surface Temperature (Dust) | T195°C | | | T135°C | |
| Ambient Temperature | 320VA -20°C to +50°C 400VA -20°C to +35°C | | | 350VA -20°C to +40°C 400VA -20°C to +30°C | |
| Certificate | ATEX - LCIE02ATEX6248X IECEX - LCI 04.0016X | | | ATEX - SIRA08ATEX3182X | |
| Enclosure | Glass reinforced polyester (GRP) enclosure, stainless steel skid | | | Stainless steel enclosure (marine grade 316L), stainless steel skid | |
| Power | 320 / 400VA | | | 350 / 400VA | |
| Volts In | 110V ac +6% -10% | 230V ac +6% -10% | | 110V ac +6% -10% | 230V ac +6% -10% |
| Input Cable | 15m SY cable 4mm² with ATX 110V / 230V 2P+E plug fitted as standard | | | | |
| Volts Out | 24V | | 110V | 24V | |
| Socket Arrangement & Configuration | 4 output sockets, ATX 110V / 24V 2P+E as standard | | | | |
| | 2 sockets on each unit side | | | 4 output sockets on unit side | |
| Dimensions | 504 x 465 x 285 mm (L x W x H) | | | 585 x 365 x 285 mm (L x W x H) | |
| Ingress Protection | IP66 | | | | |
| Weight | 21 Kg | | | 23 Kg | |

- Dual marked GRP Transformer certified T3 with an ambient temperature range of -20°C to +50°C at 320VA power and with an ambient temperature range of -20°C to +35°C at 400VA power.
- Dual marked SS Transformer certified T4 with an ambient temperature range of -20°C to +40°C at 350VA power and with an ambient temperature range of -20°C to +30°C at 400VA power.
- CEAG, Stahl and Marechal plug/socket options and longer SY input cable available on request.
- Ships braided cable for offshore applications to BS6883 available on request.
- Changes may be made to the above specification without notification, details are available on request.

- All information has been gathered under laboratory conditions, the user must regard the values given as approximate.

Product Dimensions



Version: SL040 DF443 Issue 4



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