

# ATEX 400VA GRP 230V:110V TRANSFORMER



LL-221/XXX ZONES

1

2

21

22

## PRODUCT INFORMATION

Wolf ATEX Transformers are CE marked and certified for safe use in Zones 1 and 2 for potentially explosive gas atmospheres, as well as Zones 21 and 22 for dust environments, provided the T-class and ambient temperature conditions are met.

Designed for Hazardous Area maintenance tasks, these ATEX and IECEx certified transformers convert 230V to 110V. They are specifically engineered for use with the Wolf range of temporary ambient and task lighting, as well as ancillary equipment, delivering a reliable and safe power source in potentially explosive atmospheres.

316L grade stainless steel outer skid protects against impact and aids transportation

4 X Stahl, CEAG or ATX output sockets  
(2 on opposite side)

GRP enclosure

Label protection system



## KEY INFORMATION

### FEATURES AND BENEFITS

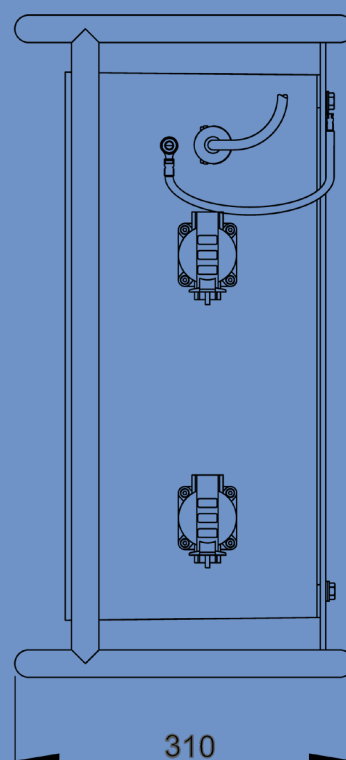
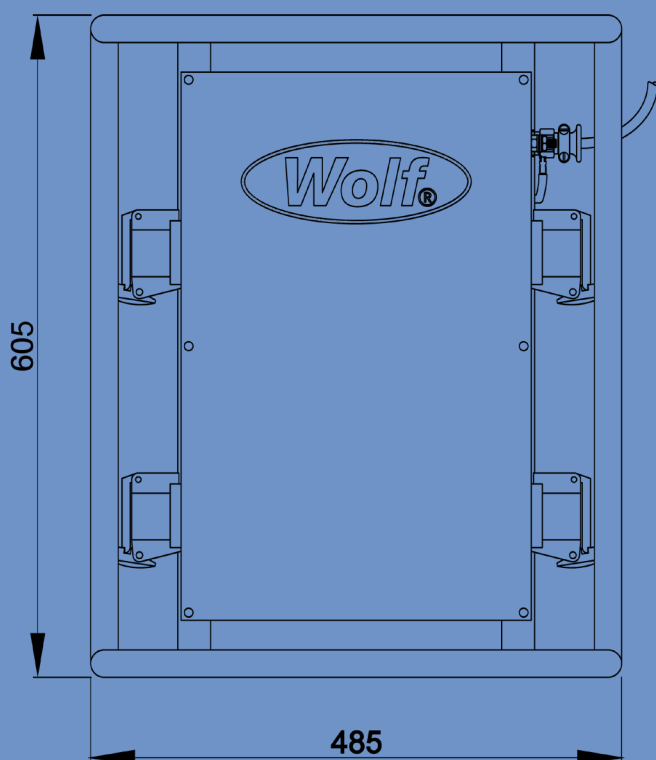
- ATEX/IECEx approved for use in Zones 1, 2 explosive gas, and 21, 22 dust atmospheres
- Rated for up to 400VA
- T4 temperature class
- Up to +55°C upper ambient temperature
- Robust and durable construction
- Fitted with 15m SY 2.5 mm<sup>2</sup> cable as standard - different cable types and lengths available on request
- Fitted with 4 output sockets, STAHL, CEAG or ATX, 110V 2P+E as standard
- IP66 Ingress Protection
- Weighs just 25 kg
- 316L grade stainless steel outer protective skid protects sockets against impact, and aids transportation



# TECHNICAL INFORMATION

## PRODUCT DIMENSIONS

LL-221/XXX



All measurements are in millimetres

# ATEX 400VA 230V:110V TRANSFORMERS

MODEL	LL-221/E/STAHL	LL-221/E/CEAG	LL-221/T4/W
VOLTAGE	230V:110V		
CODE	II 2 GD Ex eb db IIC T4 Gb Ex tb IIIC T70°C Db IP66		II 2 GD Ex eb db IIC T4 Gb Ex tb IIIC T100°C Db IP66
TEMPERATURE CLASS (GAS)	T4		
MAXIMUM POWER/ AMBIENT TEMPERATURE	400VA: T4 -20°C TO +50°C 320VA: T4 -20°C TO +55°C	400VA: T4 -20°C TO +45°C 320VA: T4 -20°C TO +50°C	400VA: T4 -20°C TO +30°C 340VA: T4 -20°C TO +44°C 320VA: T4 -20°C TO +48°C 310VA: T4 -20°C TO +50°C 280VA: T4 -20°C TO +55°C
TEMPERATURE CLASS (DUST)	70°C		100°C
CERTIFICATE NUMBER	INERIS 22 ATEX 0030X IECEx INE 22.0048X		ExVeritas 25 ATEX 2069X IECEx ExV25.0018X
TYPE OF PROTECTION	'e' increased safety, 'd' flameproof, 't' enclosure		
AREA OF CLASSIFICATION (GAS)	Zones 1 and 2, Gas groups IIA, IIB and IIC		
AREA OF CLASSIFICATION (DUST)	Zones 21 and 22, Dust Groups IIIA, IIIB and IIIC		
ENCLOSURE	Glass reinforced polyester (GRP) enclosure, marine grade (316L) stainless steel skid		
INPUT CABLE	15m SY cable 2.5 mm <sup>2</sup> with STAHL 230V 2P+E plug fitted as standard	15m SY cable 2.5 mm <sup>2</sup> with CEAG 230V 2P+E plug fitted as standard	15m SY cable 2.5 mm <sup>2</sup> with ATX 230V 2P+E plug fitted as standard
INPUT VOLTAGE	230V AC +/- 15V 50-60Hz		
OUTPUT VOLTAGE	110V		
SOCKET ARRANGMENT	4 output sockets, STAHL 110V 2P+E as standard	4 output sockets, CEAG 110V 2P+E as standard	4 output sockets, ATX 110V 2P+E as standard
	2 sockets on each unit side		
DIMENSIONS	605 mm x 485 mm x 310 mm		
INGRESS PROTECTION	IP66		
APPROXIMATE WEIGHT	25 kg (without cable)		

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request. E&OE.



Wolf Safety Lamp Company  
Saxon Road Works, Sheffield S8 0YA, UK

T: +44 (0) 114 255 1051  
E: [info@wolfsafety.com](mailto:info@wolfsafety.com)

