

## Wolf® 400VA Ex-Proof Transformer

LL-114/T3, LL-214/T3, LL-221/T3, LL-133/T3, LL-233/T3, LL-243/T3

**IMPA Code:** 33 19 01 - LL-133/T3, 33 19 02 - LL-233/T3

The Wolf ATEX transformers have a CE mark and are safe to use in places with explosive gases (Zone 1) and dust (Zone 21). They can be used where certain temperatures are allowed. These transformers are certified by both ATEX and IECEx for safety.



### Certification

- The Wolf ATEX transformers have a CE mark.
- They are safe to use in Zones 1 (explosive gas) and 21 (dust) areas.
- They can be used in areas with specific temperature limits.
- The transformers are certified according to both ATEX and IECEx standards.
- For GRP,

#### For Output Power ≤ 400VA

II2 GD Ex d e IIC T3 Gb

Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +35°C)

#### For Output Power ≤ 320VA

II2 GD Ex d e IIC T3 Gb

Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +50°C)

- For Stainless Steel,

#### For Output Power ≤ 400VA

II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +30°C)

#### For Output Power ≤ 320VA

II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +42°C)

### Standards



Ex-Proof (ATEX)



IECEx

# TECHNICAL DETAILS

- Robust and durable construction for tough environments.
- Transportable and portable design for easy handling.
- Wide range of voltages: 230V or 110V to 24V and 230V to 110V.
- 400VA and 320VA power rating options to suit different power needs.
- Fitted with 4 x ATX socket outlets for easy connections.
- Supplied with a 15m SY cable and ATX plug for immediate use.
- CEAG, STAHL, and Marechal plug options available for compatibility.
- Powers temporary ambient and task lighting for maintenance tasks.
- 110V versions available with CTE (Centre Tap Earth) option for added safety.
- The transformers are available with a stainless steel or GRP enclosure, sealed to IP66, making them suitable for wet and dusty conditions.

ATEX 400VA Transformer						
PRODUCT REFERENCE	LL-114/T3	LL-214/T3	LL-221/T3	LL-133/T3	LL-233/T3	LL-243/T3
PRODUCT DESCRIPTION	GRP			Stainless Steel		
	110V:24V	230V:24V	230V:110V	110V:24V	230V:24V	230V:110V
CODE	For Output Power ≤ 400VA II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +35°C) For Output Power ≤ 320VA II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +50°C)			For Output Power ≤ 400VA II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +30°C) For Output Power ≤ 320VA II2 GD Ex d e IIC T3 Gb Ex t IIIC T195°C Db IP66 (-20°C ≤ Ta ≤ +42°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		T3	
AREA OF CLASSIFICATION (DUST)	Zones 21 and 22, Dust Groups IIIA, IIIB and IIIC			
MAX. SURFACE TEMPERATURE (DUST)	T195°C		T195°C	
AMBIENT TEMPERATURE	400VA -20°C to +35°C 320VA -20°C to +50°C		400VA -20°C to +30°C 320VA -20°C to +42°C	
CERTIFICATE	ATEX - LCIE02ATEX6248X IECEX - LCI 04.0016X		ATEX - LCIE02ATEX6118X IECEX - LCI 11.0008X	
ENCLOSURE	Glass reinforced polyester (GRP) enclosure, marine grade (316L) stainless steel skid		Marine grade (316L) stainless steel enclosure and skid	
POWER	320 / 400VA		320 / 400VA	
VOLTS IN	110V ac +6% - 10%	230V ac +6% -10%	110V ac +6% -10%	230V ac +6% -10%
INPUT CABLE	15m SY cable 2.5mm <sup>2</sup> with ATX 110V / 230V 2P+E plug fitted as standard			
VOLTS OUT	24V	110V	24V	110V
SOCKET ARRANGEMENT & CONFIGURATION	4 output sockets, ATX 110V / 24V 2P+E as standard			
	2 sockets on each unit side			
DIMENSIONS	504 x 465 x 285mm (L x W x H)		512 x 562 x 260 mm (L x W x H)	

INGRESS PROTECTION	IP66	
WEIGHT	21 kg	28 kg



İvedik OSB Mh. 2269. Cd. No:42 PK.06374 Yenimahalle / ANKARA



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