

United Kingdom

IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EXV 25.0018X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2025-04-17		
Applicant:	The Wolf Safety Lamp Co. Limited Saxon Road Works Sheffield S8 0YA United Kingdom		
Equipment:	Temporary 400VA Transformer Unit - LL-###	1	
Optional accessory:			
Type of Protection:	Ex e, Ex d and Ex t		
Marking:	Ex eb db IIC T4 Gb		
	Ex tb IIIC T100°C Db IP66		
Approved for issue of Certification Body:	n behalf of the IECEx	Sean Clarke CEng MSc FIET	
Position:		Certification Manager	
Signature: (for printed version)			
Date:			
(ior printed version)			
1. This certificate and s	chedule may only be reproduced in full.		
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Certificate issued	by:		
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Date of issue:	2025-04-17	Issue No: 0
Manufacturer:	The Wolf Safety Lamp Co. Limited Saxon Road Works Sheffield S8 0YA United Kingdom	
Manufacturing locations:		
This certificate is is	ssued as verification that a sample(s), representative of	production, was assessed and tested and f

found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1:2014 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31:2022 Edition:3.0	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7:2017 Edition:5.1	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
	This Certificate does not indicate compliance with safety and performance requirement

This Certificate does not indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

GB/EXV/ExTR25.0044/00

Quality Assessment Report:

GB/BAS/QAR06.0017/12



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The LL-### transportable power distribution system is designed for use in Zone 1, Zone 2, Zone 21, and Zone 22 hazardous areas as a temporary power transformer, intended for use with temporary lights and ancillary equipment.

SPECIFIC CONDITIONS OF USE: YES as shown below:

2025-04-17

- 1. Upper ambient temperature shall not exceed the limits defined for maximum load power (VA), see instructions for safe use.
- 2. The equipment shall only be used in a vertical orientation as indicated on the front of the equipment via a "THIS WAY UP" label.

Annex:

IECEx EXV 25.0018X Annex_1.pdf



Description Continued:

The transportable power distribution system consist of a component certified non-metallic enclosure that is fitted with between one to six external flush mount component certified increased safety and flameproof APPLETON-ATX PCX/EN electrical connectors (max three per side) used to power a range of Wolf temporary ambient, task lights and ancillary equipment for maintenance tasks. The enclosure is fitted with a metallic base plate that is populated with component approved increased safety transformer, increased safety and flameproof fuse-holders and increased safety terminals. The system is externally powered via a 110, 220-240 or 400-500 Vac mains supply via a permanently fitted cable and plug with an output of either 24, 42, 48, 100, 110 or 230 Vac and maximum rated load of between 250 and 400 VA depending on the maximum upper ambient temperature in which the equipment is used. The complete assembly is rated IP66 and suitable for use in wet and dusty conditions.

The complete enclosure is mounted to a steel transformer skid to allow for manual transportation of the equipment and has an optional earth bound between the steel frame and the M8 earth stud of the main enclosure.

Routine Tests:

As listed in assessment report GB/EXV/ExTR25.0044/00 (R5478/A/1).