

UL-EU CERTIFICATE

Certificate No. UL-EU-01157-CPR
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Certificate Holder UniPOS Ltd.
47 San Stefano Str.
Pleven city
Bulgaria 5800

Manufacturer UniPOS Ltd.
47 San Stefano Str.
Pleven city
Bulgaria 5800

Certified Product Type Sounders
Product Trade Name 8204 Conventional Sounder
Trademark



Rating/Classification See Appendix

Harmonised Technical Specifications EN 54-3:2001 + A1:2002 + A2:2006
EN 54-3:2014 + A1:2019

Supporting Documentation S36102-D02-European Directive-Original
Additional information NA
Expiry date 2030-11-11



A handwritten signature in purple ink, appearing to read "Chris Miles".

Authorized Certification Decision Maker
Chris Miles

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



Appendix UL-EU CERTIFICATE

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This certificate relates to the use of Sounders in fire detection and fire alarm systems installed in buildings. The detailed scope is given in pages 3 to 5 of this Certificate.

The product is certificated on the basis of:

- i) S36102-D02-EuropeanDirective-Original
- ii) Inspection and surveillance of factory production control by UL



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Essential Characteristics for 8204	Performance	Standard
Compliance	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Sound level	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Frequency and sound pattern	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Durability	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Construction	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Marking and data	Pass	EN 54-3:2001 + A1:2002 + A2:2006
General	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Reproducibility	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Operational performance	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Durability	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Dry heat (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Dry heat (endurance)	NA	EN 54-3:2001 + A1:2002 + A2:2006
Cold (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Damp heat, cyclic (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Damp heat, steady state (endurance)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Damp heat, cyclic (endurance)	NA	EN 54-3:2001 + A1:2002 + A2:2006
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Shock (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Impact (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Vibration, sinusoidal (operational)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Vibration, sinusoidal (endurance)	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Electromagnetic compatibility (EMC), immunity	Pass	EN 54-3:2001 + A1:2002 + A2:2006
Enclosure protection	Pass	EN 54-3:2001 + A1:2002 + A2:2006



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Conventional Sounder – Model 8204

Technical Data

Operating Voltage Nominal:	24VDC (as powered by CIE)
Operating Voltage Maximum:	30VDC
Operating Voltage Minimum:	15VDC
Alarm Current:	50mA/24VDC
Sound level at 1m:	77dB(A)



Appendix UL-EU Certificate

Certification Mark	UL-EU mark
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The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com.

