



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3757</b>	6-Jan-2023	Number 1	Issue date 6-Jan-2023	30-Apr-2024

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## Product designation

**Ampac EvacU Elite, Model ASS63LWIPS, loop warden handset**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Ampac Pty Limited  
7 Ledger Road, BALCATTA, WA, AUSTRALIA, 6021

## Registrant

Ampac Pty Limited  
7 Ledger Road, BALCATTA, WA, AUSTRALIA, 6021

### Producer

Ampac Pty Limited  
7 Ledger Road, BALCATTA, WA, AUSTRALIA, 6021

## Conformance criteria and evaluation

The Ampac EvacU Elite, Model ASS63LWIPS, loop warden handset has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS ISO 7240.18:2018, 'Fire detection and alarm systems - Part 18: Input/output devices'.
2. Australian Standard AS ISO 7240.17:2021, 'Fire detection and fire alarm systems Part 17: Transmission path isolators'.

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Compatibility of this equipment with new or existing emergency warning control and indicating equipment (EWCIE) should be verified prior to installation.

## Producer's description

The Ampac EvacU Elite, Model ASS63LWIPS, loop warden handset has integrated short circuit isolator which is control and indicating equipment for emergency warning control and indicating equipment (EWCIE). It connects to the 6350-LILC cards which is fitted within AMPAC EWCIE and is powered by the addressable loop of AMPAC EWCIE.

Issued by

Kai Loh  
Executive Officer – ActivFire Scheme



# Schedule to Certificate of Conformity

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## Technical specification

The following details are a representative extract of the technical specification for the Ampac EvacU Elite, Model ASS63LWIPS, loop warden handset and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Line Voltage	48 V
Current draw	18 mA quiescent @24V DC 22 mA Active
Temperature	-40 °C to 70 °C
Humidity (Relative)	0 to 95% non condensing
Line Signaling	Modulated Digital
Distortion @ -4.7 dB Pa	<1%
Audible Call Signal	> 80 dBA @ 1 metre
Cabling	2 core 2.55 mm <sup>2</sup> (max)
Dimensions	215H × 85W × 62D mm

The AMPAC EvacU Elite, Model ASS63LWIPS, loop warden handset incorporates a transmission path (i.e. short-circuit) isolator circuit.

### Schedule of transmission path isolator circuit

The following is a schedule of validated transmission path isolator circuit of the certified/listed equipment.

Parameter	Description	Value
V <sub>max</sub>	Maximum line voltage	48 Vdc
V <sub>nom</sub>	Nominal line voltage	48 Vdc
V <sub>min</sub>	Minimum line voltage	28 Vdc
V <sub>SO max</sub>	Maximum voltage device isolates	26 Vdc
V <sub>SO nom</sub>	Nominal voltage device isolates	24 Vdc
V <sub>SO min</sub>	Minimum voltage device isolates	22 Vdc
V <sub>SC max</sub>	Maximum voltage device reconnects	28 Vdc
V <sub>SC nom</sub>	Nominal voltage device reconnects	26 Vdc
V <sub>SC min</sub>	Minimum voltage device reconnects	24 Vdc
I <sub>C max</sub>	Maximum rated current	800 mA
I <sub>L max</sub>	Maximum leakage current when the isolator is open	35 mA
R <sub>max high</sub>	Maximum high side resistance of the isolator	150 mΩ
R <sub>max low</sub>	Maximum low side resistance of the isolator	150 mΩ

## Supplementary information

### Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3458/R1	Evaluation for Conformity of the AMPAC EvacU Elite, Model ASS63LWIPS, loop warden handset to the requirements of AS ISO 7240.18:2018 and AS ISO 7240.17:2021	20-Dec-2022	CSIRO, Fire Systems Laboratory, AU
Document	PDS ASS63LWIPS	AMPAC ADVANCE WARNING Systems EvacU <sup>Elite</sup> Addressable Loop Warden Intercom Point (WIP) Handset (PDSASS63LWIPS EvacU Elite Addressable Warden Intercom Phone.pdf)	4-Mar-2022	Ampac Pty. Ltd.