

## Certificate of Product Approval

Certificate Number: 966d

Issue: 01

### Ampac Pty Ltd

7 Ledger Road,  
Balcatta,  
6021,  
Australia



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

##### Control and Indicating equipment

13U EvacU Elite Cabinet

24U EvacU Elite Cabinet

#### Standards

AS4428.16:2020

AS7240.4:2018

AS4428.4:2016

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E. Mattie-Suleiman

Verifier

26 April 2022

Date of Issue

26 April 2022

Date of First Issue



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## Appendix to Certificate No: 966d

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### Ampac Pty Ltd

Certified Product	Description	LPCB Ref.No.
13U EvacU Elite	<p>Wall Mounted Emergency Warning Control and Indicating Equipment (EWCIE) and Emergency Intercom Control and Indicating Equipment (EICIE) (Grade 1)</p> <p>Incorporating the following mandatory modules:</p> <p>BRD63PDB1-A Power Distribution Board            BRD63ABB1-A Amplifier Backplane Board            BRD63CPU1-A Distribution CPU            BRD63GUI1-A Graphical User Interface Primary</p> <p>ASS63CPU-NET EvacU Elite CPU Network incorporating:</p> <p>BRD63NIC1-A Network Interface Card</p> <p>ASS63PSU12M Primary Power Supply incorporating:</p> <p>BRD63PCC1-A Power Control Card - Primary            RCB-1600-24 Meanwell Power Supply</p> <p>Network SFP Modules:</p> <p>OEM3087 IC SFP VDSL Transceiver Module SFP-V5311-L-O "COPPER"            OEM3088 IC SFP VDSL Transceiver Module SFP-V5311-L-R "COPPER"</p> <p>Incorporating the following optional modules:</p> <p>BRD63ILC1-A Quad Radial Line Card            BRD63LILC1-A Dual Loop Line Card            BRD63LPA1-A Dual 25W Amplifier            BRD63LPA1-B 50W Amplifier</p>	966d/01

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Verifier

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Certified Product	Description	LPCB Ref.No.
	BRD63MIC1-A Multi-Purpose Interface Card	
	BRD63MOC1-A Multi-Purpose Output Card	
	BRD63GUI1-B Graphical User Interface Secondary	
	ASS63WIPM Primary Warden Intercom Phone	
	ASS63PSU12S Secondary Power Supply incorporating	
	BRD63PCC1-B Power Control Card - Secondary	
	RCB-1600-24 Meanwell Power Supply	
<p>Certified with the following options with requirements from AS4428.16:2020:</p> <p>7.2 Indication of alarm signals</p> <p>7.3 Alert signal</p> <p>7.6 Audible indication of alarm signal reception</p> <p>7.7 Delays before entering the emergency warning condition</p> <p>7.8 Phased Evacuation with Multi-Zone System</p> <p>7.9.2 Silencing of the emergency warning condition with a manual control</p> <p>7.10.2 Reset of emergency warning condition with a manual condition</p> <p>7.11 Output to Warning devices</p> <p>7.12 Emergency warning condition output signal</p> <p>9 Disabled condition</p> <p>10 Test Condition</p> <p>11 Automatic/Manual Mode</p> <p>11.2 Manual Control of Networked EWCIE</p> <p>12.1 Individual emergency zone controls</p>		

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Certified Product	Description	LPCB Ref.No.
	12.2 All emergency zone controls	
	14 Emergency Microphone	
	14.2 Ready-to-Talk Indicator	
	18.9 Dry heat, steady state test (operational) 50°±2° C	
	Certified with the following options with requirements from AS7240.4:2018:	
	6.8 Impact (operational)	
	6.9 Vibration, sinusoidal (operational)	
	6.12 Vibration, sinusoidal (endurance)	
	6.13 Dry heat (operational) 50°±2° C	
	Certified with the following options with requirements from AS4428.4:2016:	
	8.8 External silencing of the EICIE Fault Condition	
	9 Zone cleared condition	
	10 Manual control of networked EICIE	
	11.2 WIP group call control	
	16.6 Dry heat, steady state test (operational) 50°±2° C	
	Notes:	
	1. The Emergency warning control and indicating equipment (EWCIE) meets grade 1. The EWCIE is capable of meeting certain optional functions but for grade 1, these must not be enabled.	
	2. The ASS63WIPS Radial WIP Handset and ASS63LWIP Loop WIP Handset were connected to the EICIE as ancillary equipment to verify the functionality only. These modules were not subjected to the environmental and EMC tests.	

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Certified Product	Description	LPCB Ref.No.
	3. The OEM3095 EVACU Elite SFP Single Mode Single Fibre Side A (SFP-GE-BX, BIDI, 1000Base, 1310TX/1490nmRX, SMF, 10km, LC simplex, DOM) and OEM3096 EVACU Elite SFP Single Mode Single Fibre Side B (SFP-GE-BX, BIDI, 1000Base, 1490TX/1310nmRX, SMF, 10km, LC simplex, DOM) were functionally tested but were not subjected to the environmental and EMC tests.	
24U EvacU Elite	<p>Floor Mounted Emergency Warning Control and Indicating Equipment (EWCIE) and Emergency Intercom Control and Indicating Equipment (EICIE) (Grade 1)</p> <p>Incorporating the following mandatory modules:</p> <p>BRD63PDB1-A Power Distribution Board</p> <p>BRD63ABB1-A Amplifier Backplane Board</p> <p>BRD63CPU1-A Distribution CPU</p> <p>BRD63GUI1-A Graphical User Interface Primary</p> <p>ASS63CPU-NET Evacu Elite CPU Network incorporating:</p> <p>BRD63NIC1-A Network Interface Card</p> <p>ASS63PSU12M Primary Power Supply incorporating</p> <p>BRD63PCC1-A Power Control Card - Primary</p> <p>RCB-1600-24 Meanwell Power Supply</p> <p>Network SFP Modules</p> <p>OEM3087 IC SFP VDSL Transceiver Module SFP-V5311-L-O "COPPER"</p> <p>OEM3088 IC SFP VDSL Transceiver Module SFP-V5311-L-R "COPPER"</p>	966d/02

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Certified Product	Description	LPCB Ref.No.
	Incorporating the following optional modules:	
	BRD63ILC1-A Quad Radial Line Card	
	BRD63LILC1-A Dual Loop Line Card	
	BRD63LPA1-A Dual 25W Amplifier	
	BRD63LPA1-B 50W Amplifier	
	BRD63MIC1-A Multi-Purpose Interface Card	
	BRD63MOC1-A Multi-Purpose Output Card	
	BRD63GUI1-B Graphical User Interface Secondary	
	ASS63WIPM Primary Warden Intercom Phone	
	ASS63PSU12S Secondary Power Supply incorporating	
	BRD63PCC1-B Power Control Card - Secondary	
	RCB-1600-24 Meanwell Power Supply	
	Certified with the following options with requirements from AS4428.16:2020:	
	7.2 Indication of alarm signals	
	7.3 Alert signal	
	7.6 Audible indication of alarm signal reception	
	7.7 Delays before entering the emergency warning condition	
	7.8 Phased Evacuation with Multi-Zone System	
	7.9.2 Silencing of the emergency warning condition with a manual control	
	7.10.2 Reset of emergency warning condition with a manual condition	
	7.11 Output to Warning devices	
	7.12 Emergency warning condition output signal	

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Certified Product	Description	LPCB Ref.No.
	9 Disabled condition	
	10 Test Condition	
	11 Automatic/Manual Mode	
	11.2 Manual Control of Networked EWCIE	
	12.1 Individual emergency zone controls	
	12.2 All emergency zone controls	
	14 Emergency Microphone	
	14.2 Ready-to-Talk Indicator	
	18.9 Dry heat, steady state test (operational) 50°±2° C	
	Certified with the following options with requirements from AS7240.4:2018:	
	6.8 Impact (operational)	
	6.9 Vibration, sinusoidal (operational)	
	6.12 Vibration, sinusoidal (endurance)	
	6.13 Dry heat (operational) 50°±2° C	
	Certified with the following options with requirements from AS4428.4:2016:	
	8.8 External silencing of the EICIE Fault Condition	
	9 Zone cleared condition	
	10 Manual control of networked EICIE	
	11.2 WIP group call control	
	16.6 Dry heat, steady state test (operational) 50°±2° C	

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Certified Product	Description	LPCB Ref.No.
	<p>Notes:</p> <ol style="list-style-type: none"> <li>1. The Emergency warning control and indicating equipment (EWCIE) meets grade 1. The EWCIE is capable of meeting certain optional functions but for grade 1, these must not be enabled.</li> <li>2. The ASS63WIPS Radial WIP Handset and ASS63LWIP Loop WIP Handset were connected to the EICIE as ancillary equipment to verify the functionality only. These modules were not subjected to the environmental and EMC tests.</li> <li>3. The OEM3095 EVACU Elite SFP Single Mode Single Fibre Side A (SFP-GE-BX, BIDI, 1000Base, 1310TX/1490nmRX, SMF, 10km, LC simplex, DOM) and OEM3096 EVACU Elite SFP Single Mode Single Fibre Side B (SFP-GE-BX, BIDI, 1000Base, 1490TX/1310nmRX, SMF, 10km, LC simplex, DOM) were functionally tested but were not subjected to the environmental and EMC tests.</li> </ol>	

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