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Certificate No:
205487-2016-
AQ-AUS-JAS-ANZ

250 Watt Amplifier (EVAC250W24V)

120 Watt Amplifier (EVAC120W24V)

Product Overview

These amplifiers are designed for use in emergency evacuation systems. They are powered by an external 24 Vdc (nominal) source. They accept line level audio inputs and produce 100 V line outputs via transformers. The amplifiers feature short circuit, overload and thermal cut-out protection, and are constructed on steel chassis. When used with the Pertronic Evacuation Generator (EVACGEN-NZ) these amplifiers are ideal for providing audio power for evacuation systems.



EVAC250W24V



EVAC120W24V

Features:

- ▶ Line level input is provided using the Pertronic EVAC Generator to generate Alert tones, Evacuation tones and voice messages as specified by NZS 4512
- ▶ Capable of driving up to 120 Watt (EVAC120W24V) or 250 Watt (EVAC250W24V) in to connected 100 Vrms public address loud-speakers
- ▶ The 100 Vrms output line has short circuit, overload and thermal cut-out protection
- ▶ Bolt-in steel chassis construction enables direct mounting in Pertronic fire alarm control panels or ancillary cabinets
- ▶ Amplifier status (Normal, Fault and Activation) is monitored by the fire alarm panel's EVAC generator

Specifications:

	EVAC250W24V	EVAC120W24V
▶ Dimensions	300 x 240 x 95 mm (W x D x H)	210 x 170 x 87 mm (W x D x H)
▶ Weight	7.1 kg	3.5 kg
▶ Output Power	250 Wrms	120 Wrms
▶ Power Supply	24 Vdc to 28 Vdc	24 Vdc to 28 Vdc
▶ Current Draw Quiescent	360 mA	220 mA
▶ Current Draw at Full Load	17 A	8 A
▶ Fuse Rating and Type	20 A Blade	7.5 A M205
▶ Freq. Response	40 Hz – 13 kHz	50 Hz – 12 kHz
▶ Distortion	< 0.6 %	< 0.6 %
▶ Sensitivity	600 mVrms	600 mVrms
▶ LED Indicators	7 LEDs (Power, Fault, Temp, Overload, Limit, Protect and Signal)	

Ordering Information:

Product Code	Description
EVAC250W24V	Evac Amplifier 250W 24V (no tone generator) A1937
EVAC120W24V	Evac Amplifier 120W 24V (no tone generator) A1932
EVACGEN-NZ	Evac Tone Generator NZS 4512

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