Ampac

Fire detection and evacuation solutions that save lives.

EV3000 Audio Splitters

Features

- Splits the audio output from the EV3000 amplifier into multiple 100VAC audio feeds
- Audio feeds are individually supervised and isolated
- Local and “remote” options available

Description

Due to changes to transmission path faults in AS1670.1:2015 (clause 2.6e), there is requirement to split the audio output of the individual emergency zone amplifiers into audio multiple feeds.

If the audio is required to be split at the panel, then there is a 4 way audio splitter (154-0280), with each audio feed capable of handling up to 100watts. Total audio power handled by the splitter is 250watts. Each audio feed is individually supervised and isolated. Up to two 4 way splitters (8 outputs) can be connected to each 120W EV3000 amplifier and one 4 way splitter (4 outputs) can be connected to each 40W EV3000 Amplifier.

A power supply (154-0278) is required for every 10 4 way audio splitters.

If the audio is required to be split remote from the panel, then there is a 2 way remote audio splitter (4210-0143). The audio feeds can handle up to 60watts each, with a total of 120watts per splitter. Each audio feed is individually supervised and isolated, and passes the fault condition back to the EV3000 audio amplifier.

The 2 way Remote Audio Splitter is available as DIN mount and can be used with the Ancillary Interface Enclosure (4210-0035)

4 Way Audio Splitter (154-0280)

2 Way Remote Splitter - DIN Mount (4210-0143)

Item Numbers	
154-0278	EV3000 RJ45 Breakout Board (Power Supply)
154-0280	EV3000 4 Way Audio Splitter
4210-0143	EV3000 2 Way Remote Audio Splitter
4210-0035	Ancillary Interface Enclosure for above

Specifications	
4 Way Line Splitter	
Quiescent Current	10.5mAmps
100VAC Line Outs	4 (Max 100W each—total 250W)
Monitoring	10K to 47KΩ 500mW EOL
2 Way Remote Splitter	
Quiescent Current	17mAmps @ 16-30VDC
100VAC Line Outs	2 (Max 60W each— total 120W)
Monitoring	47KΩ 500mW EOL
Common	
Temperature	-20°C to 70°C
Humidity	0-95% non-condensing