



## QE20-FP2009 QE20 Single 240W Amplifier Module Kit

The **QE20-FP2009 1 x 240W Amplifier Module** may be used to provide 1 x 100V 240W loudspeaker output in a QE20 system or as a replacement for an existing module in the field.

### Each module provides:

- 1 x 100V audio output rated at 240W each
- Each 100V output is resistor EOL supervised with up to 2 branches of wiring
- 4 x 24VDC switched GP outputs that are normally energised and can be individually turned off – usually for controlling background music volume controllers or similar devices that need to be disabled when emergency signals are being generated
- 4 x isolated line-level audio inputs for BGM, paging, etc.
- LED indication of the 1 x 100V output signal

### Each kit contains:

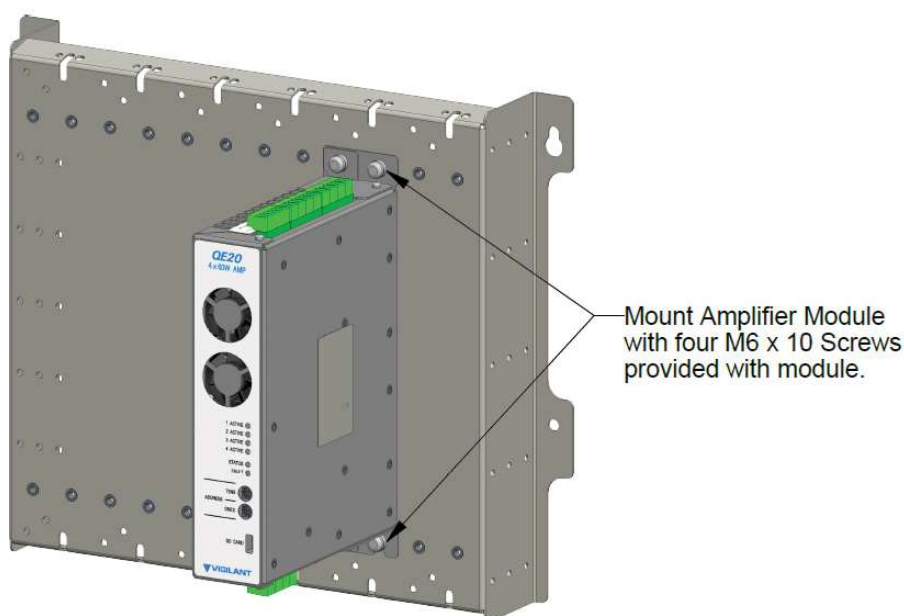
- 1 x Single 240W Amplifier Module
- 1 x RJ45 ethernet lead, 200mm long
- 1 x RJ45 ethernet lead, 1000mm long
- 1 x 24VDC 2way extension loom
- 1 x 3way splitter loom
- 4 x M6 x 10mm mounting screws
- 1 x Installation Guide

### General Specifications\*:

Operating voltage:	18-32Vdc
Operating current:	Min 95mA to Max 6.2A**
Operating Temp:	-5°C to +45°C, 10-93% RH
100V outputs	100V RMS at full power: 240W 200nF max. capacitance
EOL supervision:	56k on 1 branch or 100k on each of 2 branches
Audio inputs	: 315mV RMS nominal for full power 1V RMS maximum

\*Detailed specifications listed on QE20-FP2009 Installation Guide

\*\*Refer to current consumption table on page 10 of Installation Guide



All specifications and other information shown were current as of document revision date and are subject to change without notice. Ver 1.01 08/2024