

## Switchmode 7A Voltage Reducer

#VC7-1

www.qvee.com.au

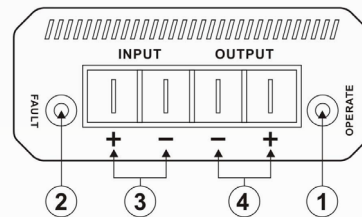
### DESCRIPTION

Switchmode voltage reducers provide a 12 Volt nominal output from a 24 Volt source. Suitable for electronic loads and are protected against spikes, surges and incorrect wiring. Perfect for operating radio and communications equipment where electronic memory needs to be preserved.



### FEATURES

- Dual output option
- Switch mode
- Built-in short circuit and overload protection
- Withstand up to 38 Volt input with clean DC output
- Small and compact
- Convenient clip on mounting bracket
- Includes mounting bracket, screws and push-on terminals



1. Operate indicator (Green LED)
2. Fault indicator (Red LED)
3. Input terminals
4. Output terminals

### TECHNICAL SPECIFICATIONS

<b>Input Voltage Range</b>	• 18 to 38 Volt DC
<b>Output Voltage</b>	• 13.8 Volt DC
<b>Current Output</b>	• 7 Amp continuous current
<b>Max. Current Output</b>	• 12 Amp @ 30% duty cycle
<b>No Load Current</b>	• < 30mA
<b>Ripple &amp; Noise (p-p)</b>	• < 100mV
<b>Ripple &amp; Noise (r.m.s)</b>	• < 10mV
<b>Load Regulation</b>	• < 50mV
<b>Line Regulation</b>	• < 50mV
<b>Efficiency</b>	• > 90%

<b>Protection</b>	<ul style="list-style-type: none"> <li>• Output over-voltage protection (OVP),</li> <li>• Loss of earth protection,</li> <li>• Self reset: Reverse polarity protection, Overload protection, Short circuit protection</li> </ul>
<b>Indicators</b>	• Green LED - Operate, Red LED - Fault
<b>Connection Type</b>	• Push-on terminals
<b>Cooling System</b>	• Natural convection
<b>Max. Operating Temp</b>	• 50°C
<b>Internal Input Fuse</b>	• 12 Amp (glass type)
<b>Switchable Output</b>	• Connection type: 1.2m length cable
<b>Dimensions</b>	• 111mm x 75mm x 32mm
<b>Weight</b>	• 320 grams