

auto electrical parts

Technical Information Sheet

Part No. 0-578-22

24 to 12 volt voltage converter, 22 amps continuous, 28 amps intermittent load, switch mode isolated return. For most applications including heavy duty communications.

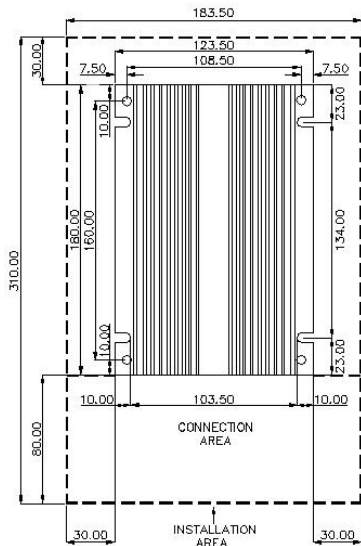
Additional information

- Black - Input 24 volts negative
- Red - Input 24 volts positive (via 25 amp fuse)
- Green - Output 12 volts negative
- Blue - Output 12 volts positive

Can be connected in parallel with up to 2 other identical voltage converters to increase output, allow for 10% reduction in maximum output when paralleled.

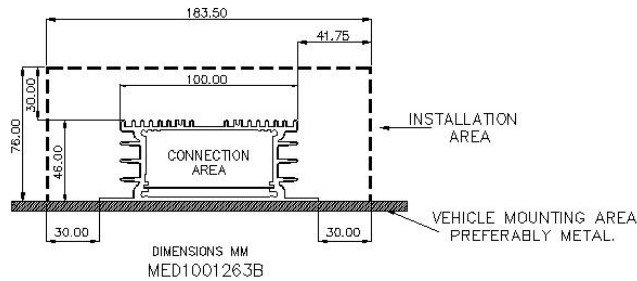


Technical Drawing (not to scale)



NOTES:

1. 4 off fixing holes 6.00mm Ø + 4 off slots 6mm x 10mm.
2. Mount Vertically with cables towards ground for best cooling and moisture protection.
3. Recommended air space around heatsink:- top, sides and non connector end 30mm (as dashed lines).
4. Connector end space 80mm absolute min (as dashed lines).
5. Recommended mounting:- metal base.
6. Orientate Led for visibility.
7. Do not fit near heat sensitive material or components as case may reach temperatures up to 75 deg C.
8. Do not fit near heat sources such as exhaust or heater pipes.



Specification

Type	Voltage converter
Input Voltage	Nominal 24 volts (20-32 volts)
Output voltage	12 volts \pm 5% (half input voltage)
Type	Switched mode isolated return
Load	22A continuous 28A intermittent
Quiescent current	160mA max
Leads	200mm
Protection	Overcurrent, overheat, transients with auto reset
Operating temp	-40° to +70°C
Case	Aluminium
Encapsulation	Silicone rubber
Protection	Water resistant
Weight	520g
Dimensions	l 150 x w 85 x h 38mm
Approvals	72/245/EEC, 95/94/EC, e11

The information contained in this document is correct to the best of our knowledge at the time of printing. However, specifications may change at any time without notice.