

Custom 9E753 Technical Reference

Doc Revision: A

Custom 9E75 Rev 3 is a custom version of GP-1005B LVD 20A unit with Remote ON signal.

The customization features are:

1. The LVD unit support battery voltage range of 15~29V. The 12/24V auto detection feature is disabled.
2. Power on time 2 Sec max
3. This LVD unit does not support selection switch, and the disconnect setting is

Disconnect voltage/low cut-off (V)	Disconnect/low cut-off delay (Sec.)	Reconnect voltage(V)	Reconnect delay (Sec.)
14.9	5	15.2	1.5

4. Overvoltage protection: The LVD unit will disconnect/cut off the power to the load when the battery voltage is too high.

Overvoltage cut-off (V)	Overvoltage cut-off delay (sec.)	Reconnect voltage(V)	Reconnect delay (Sec.)
28V	2	27.5	2

5. Only "Remote OFF signal" wire (red) is installed through the grommet on the power wire side. The minimum white wire length is 12". The signal polarity is reversed as:
 - a. When the wire is floating, the unit is forced off.
 - b. When the wire is connected to ground, the unit is in normal operation mode.

For other operation information, please refer to GP-1005 standard User's Manual and datasheet.

Change History

- i) Change from 9E751 to 9E752: Customization feature 5 is added.
- ii) Change from 9E752 to 9E753: Customization feature 5 was changed. Remote OFF wire is installed with customized signal polarity.