

auto electrical parts

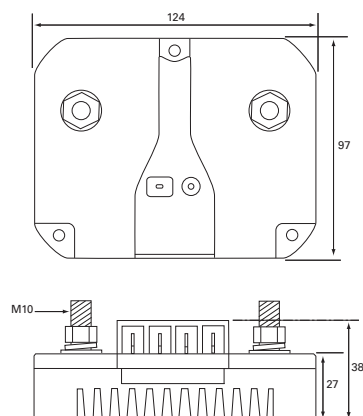
Technical Information Sheet

Part No. 0-852-10

12/24 volt, solid state battery guard, monitors the battery voltage and disconnect load when the battery voltage reaches a pre-determined level. The voltage level at which the device operates to disconnect or reconnect the load to the battery can be set to one of 10 different programmes by the installer using a simple bridge and integral LED indicator. The unit also has provision for an external on/off switch, override switch and an alarm circuit to power an audio and/or visual indicator to warn of imminent disconnect, allowing the operator 50 secs to rectify the situation before disconnecting. A 10 second delay is built in prior to an alarm, to prevent spurious warnings. The alarm circuit is limited to 500mA maximum, if a higher current is required a relay with a diode must be used, 0-727-14 for 12v and 0-727-26 for 24v. Quiescent current is below 10mA. Appropriate terminals and insulating covers are provided. Protected to IP65. ECE and CE approved.



Technical Drawing (not to scale)

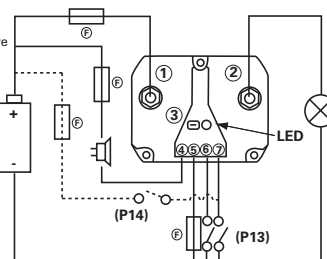


PROGRAM MODES

Program Number	12V		24V	
	Disconnect	Reconnect	Disconnect	Reconnect
P1	10.5V	12V	21V	24V
P2	10V	11.5V	20V	23V
P3	9.5V	11.5V	19V	23V
P4	11V	13.5V	22.5V	26.5V
P5	11.5V	13.5V	23V	27.5V
P6	10.5V	12.5V	21V	25V
P7*	11.5V	12.5V	23V	25.5V
P8	11V	12.5V	23.5V	25.5V
P9	12V	13V	24V	26V
P10	10V	13V	20V	26.5V
P11*	Alarm Mode = Normal			
P12	Alarm Mode = Battery Charger Enable			
P13*	Switch Mode = Low			
P14	Switch Mode = High			

*Factory Default Settings

- 1 - Input positive
- 2 - Output positive
- 3 - Program
- 4 - Alarm
- 5 - Ground
- 6 - Override
- 7 - Switch
- F - Fuses



Specification

Type	100 amp in-line solid state battery guard
Voltage	12/24 volt dc (auto sensing)
Auto disconnect	> 16 volts (12 volt system), > 32 volts (24 volt system)
Display	LED indicator
Terminals	2 x M10 brass studs, 4 x 6.3mm blade
Weight	528g
Dimensions	1 124 x w 97 x h 51mm
Fixing	3 x self tapping screws (4mm x 13 mm)
Protection	IP65
Compliance	CE and ECE approved

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.

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