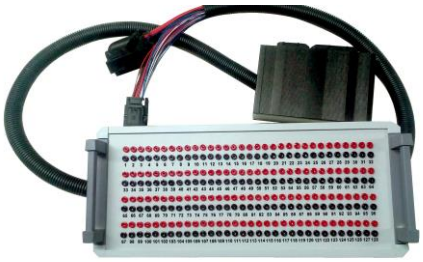

121P Break Out Box

Technical Spec.

V1.0

ECOTRONS

Revision History

Date	Revision	Description
May. 2017	V 1.0	First release

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1 Introduction

Vehicle Control Unit(VCU)wiring harness has hundreds of signal lines, The Break-Out-Box provides a joint and a short circuit switch between the VCU and the sensor, which facilitates the extraction or disconnection of any signal. The structure is shown in Figure 1

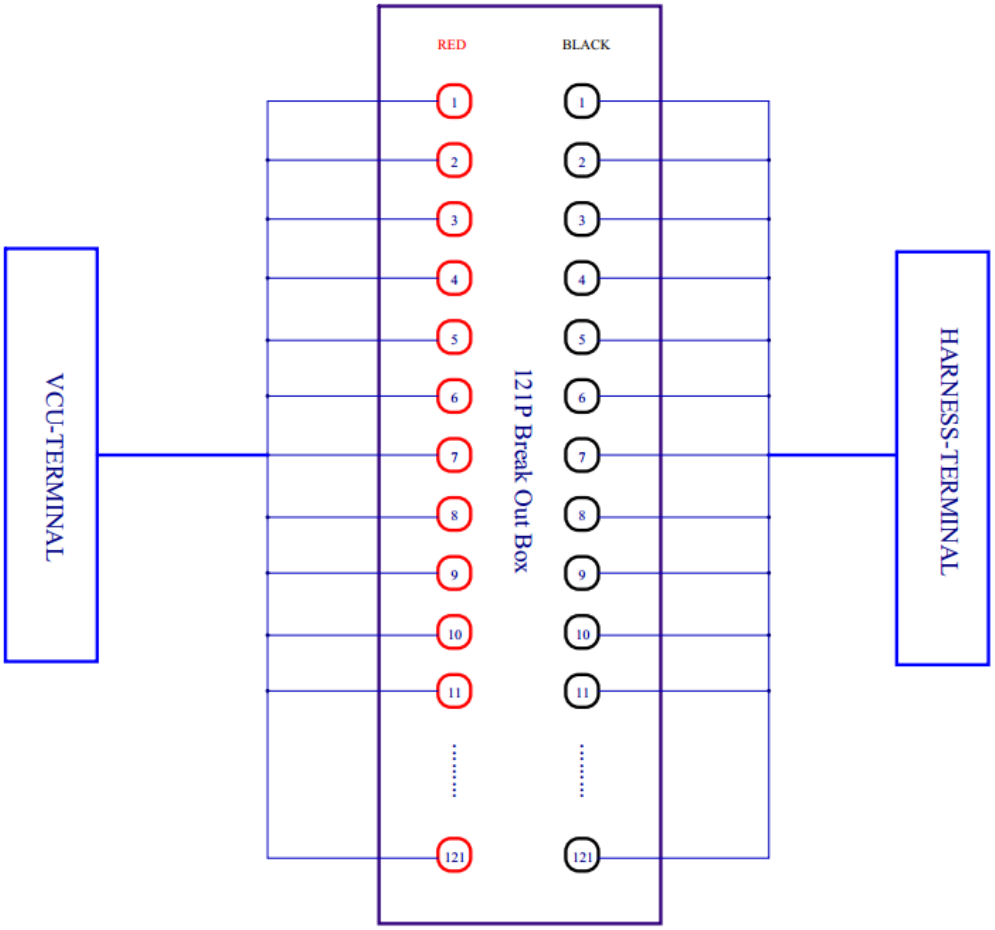

Figure 1 Structure of the Box

2 Appearance and application

Figure 2 shows the appearance of the product, the overall size is 150*360*150mm. The VCU terminal should connect Vehicle Control Unit. Harness terminal also connects wiring harness. Each of the VCU pins of the Break Out Box corresponds with red socket on the panel. Each of the harness terminal pins of the Break Out Box corresponds with black socket on the panel.

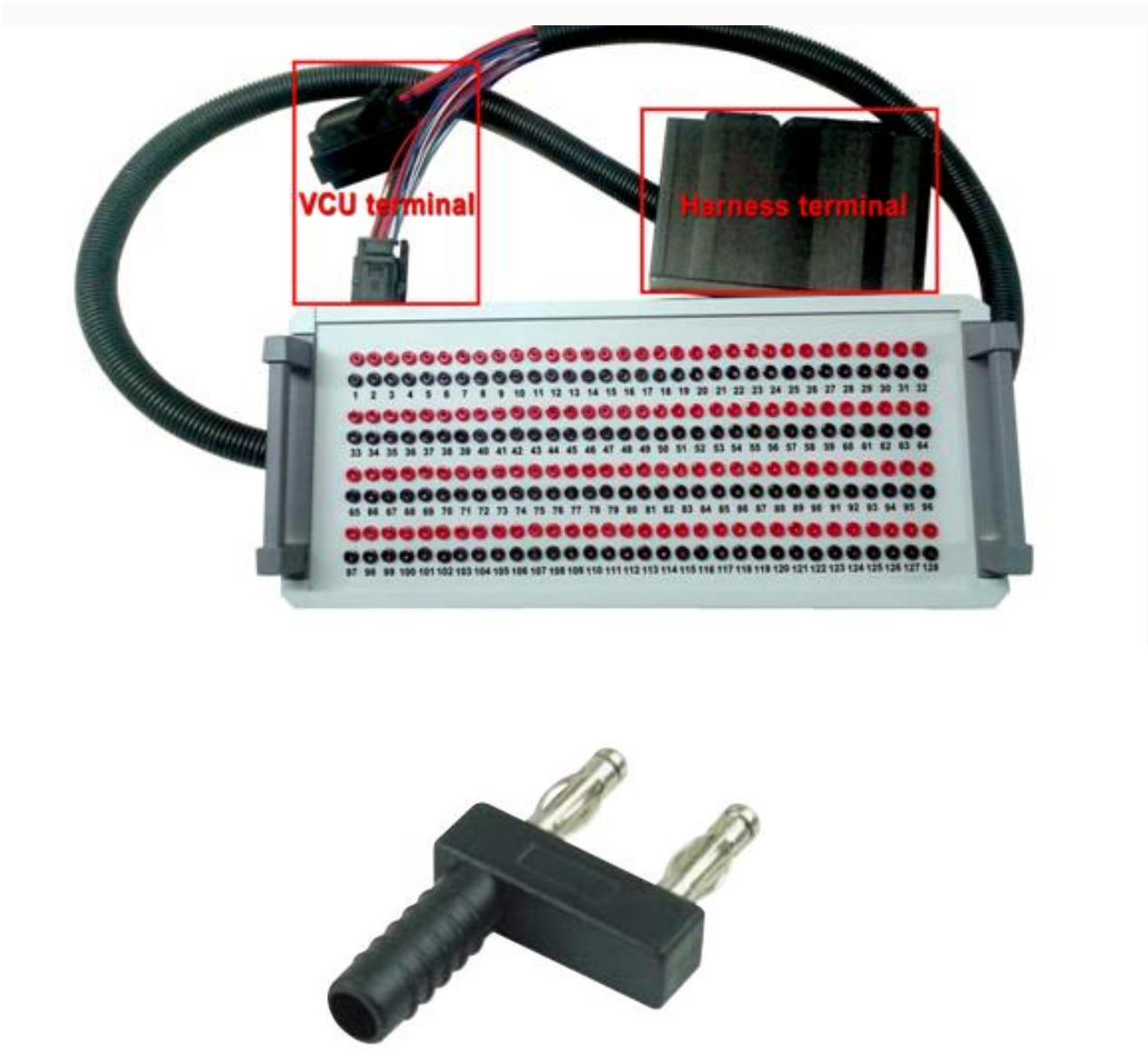

Figure 3 Short Circuit Socket

For the short circuit socket in Figure 3, When you need to connect the VCU signal to the harness end, use the short circuit socket to insert the two sockets that need to be connected on the panel to realize the connection between the VCU terminal and the

harness terminal. The hole in the upper part of the short circuit socket can be easily measured signal.

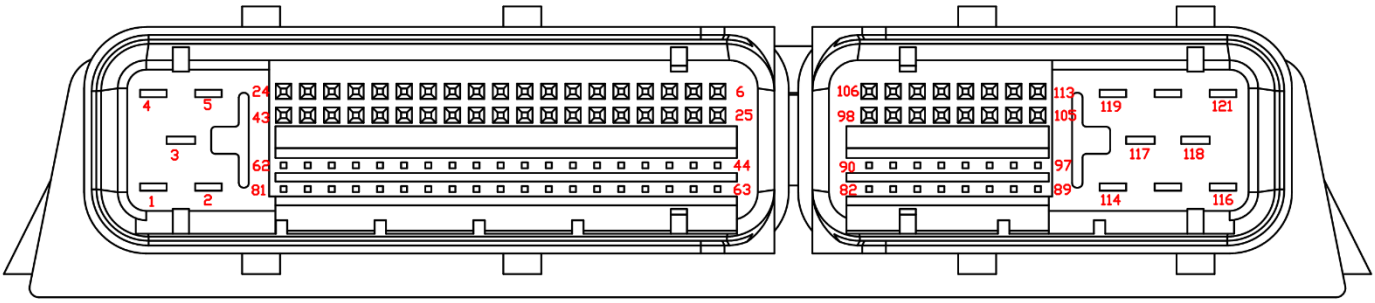

Figure 4 121P needle pin segment

Figure 4 121P needle pin distribution, box panel layout and distributing hole of the connector socket completely the same.