Ready for New Horizons

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Automotive Power Failure Simulator

PFSxxA1 Series

- BMW GS 95003-2
- BMW GS 95024-2-1
- Chrysler CS-11809
- Chrysler CS-11979
- Chrysler PF-9326
- Cummins 14269 (982022-026)
- DaimlerChrysler DC-10615
- DaimlerChrysler DC-10842
- DaimlerChrysler PF-10541
- Fiat 9.90110
- Ford EMC-CS-2009.1
- Ford ES-XW7T-1A278-AB
- Ford ES-XW7T-1A278-AC
- Ford WDR 00.00EA
- Freightliner 49-00085
- GMW 3172
- Hyundai/Kia ES 95400-10,Rev. D
- Hyundai/Kia ES 96100-02
- Hyundai ES 39110-00
- Iveco 16-2103 Rev.15
- EMC-CS-2010JLR V1.1
- VW80000-2013
- MBN LV 124-1: 2011

Features

- > 5.7 inch color touch screen operation on front panel;
- > Standalone test equipment used for voltage dip and short interruption test;
- > Switching time: ≤ 200ns (meets GM3172 9.2.18) and compatible with ≤ 1 µs (LV124, VW 80000, etc.);
- > Independent grounding circuit switch;
- DC+power cord switch;
- DC grounding wire switch;
- > Equipped with electronic short-circuit protection function;
- > Rated voltage 80 V DC;
- > Standard test procedure.

Introduction

The PFS XXA1 series automotive power failure simulator is an independent testing device that utilizes semiconductor solid-state electronic switch technology to control the rapid rise or fall of voltage within 1 μ s during simulated voltage dips and drops (micro interrupts). The unique output impedance variable technology can simulate power faults more realistically (including high impedance analog power open circuit and low impedance analog power short circuit), and ensure that the waveform meets standards under different loads (pure impedance).

The operation of the PFS XXA1 series automotive power failure simulator can be done manually or controlled by AutoLab software through an Ethernet interface. The DC switch can carry a maximum of 80V and support testing of 42V power supply systems.

Application Areas

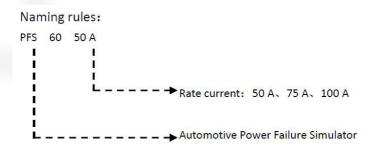


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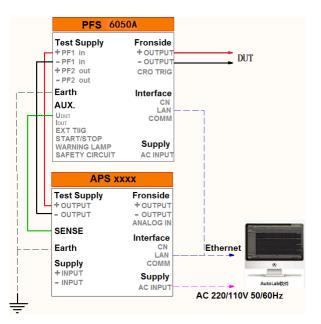
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nic ch	erature 15-35°C lity 45% - 75% ning impedance Power cord: Short circuit Impedance

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Naming convention:



Test Connection Diagram:



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