

Signal / Data Line Failure Simulator

DFS 4002A

Datasheet



In Compliance with

- > LV 123
- > OEM LV 124 (2013-02)
- > LV 148
- > OEM LV 148
- > GMW 3172
- > VW80000-2013

Introduction

DFS 4002A meets the test requirements of LV 124 (E10, E13, E14) and LV 148 (E48-09) of German automobile manufacturers. It is equipped with 16-channel switch, with rated current of 100 μ A – 2A for each channel.

Features

- > Equipped with mains supply switch (100 A), and signal / data line switch (2 A)
- > Equipped with 16 independent channels, switchable, programmable to have any channels
- > Equipped with independent ground loop
- > Rise / fall time: < 1 μ s

Application Areas

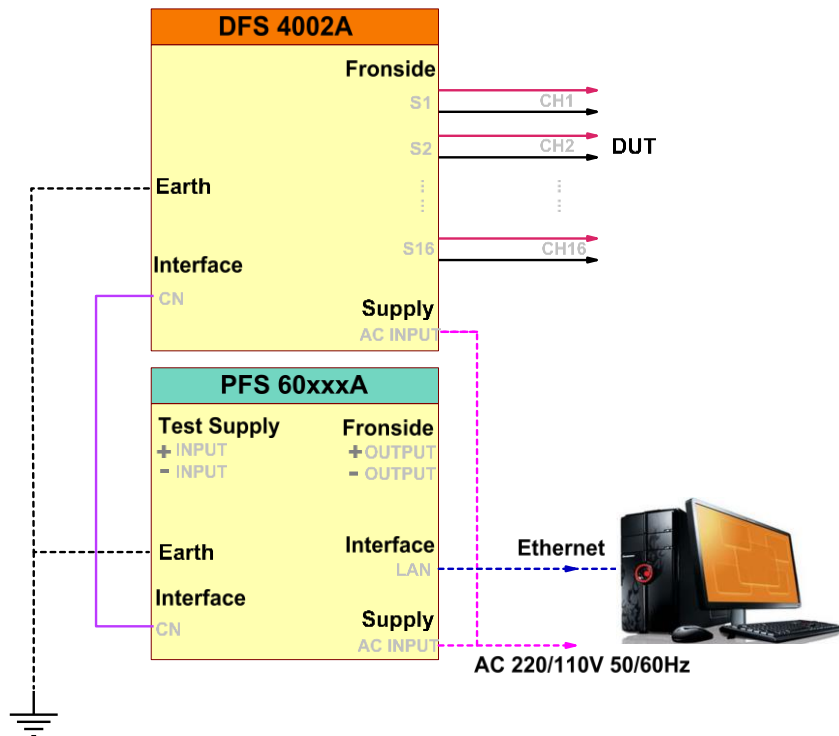
- > Automobile

Technical Parameters	
Channels	16 independent channels, switchable, programmable to have any channels;
EUT Voltage	Max ± 60 V DC
EUT Current	100 µA - 2 A (each channel, at 25 °C)
Polarity	+/-
Repetition Rate	0.001 s - 99.9 s (or as customized)
T rise, T fall	< 1 µs (@ 1 kΩ;@ 1 Ω (V = 2 V))
Switch Impedance	< 500 Ohm
Interruption Time	1 µs (10% +/-1us) - (or as customized)
Synchronization	Can be operated with PFS 60xxA (Power Failure Simulator), Synchronization error: <1 µs
Peak Current	5 A

General Parameters	
Main Control	Same as PFS 60xxA
Display	5.7" TFT touch screen
Power Supply Range	AC 110 V / 220 V±10% , 50/60 Hz±5%
Max Power	200 W
Dimension	19"/ 4 U
Weight	About 18 Kg
Temperature	15-35 °C
Humidity	45% - 75%
Air Pressure	86 kPa – 106 kPa

Standard Accessories	
Power supply cable	1 pc
Factory Inspection Report	1 pc
User manual	1 pc

Equipment Connection Diagram





SUZHOU 3CTEST ELECTRONIC CO., LTD.

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192 Fax: +86-512-68079795

Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn

www.3c-test.com

3ctest is always striving for product innovation and quality improvement.

Product appearance and technical specifications are subject to change without further notice.

© 3ctest