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TECHNOLOGY GROUP

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WF 3154

C Series Fault Injection Module

The WF 3154 from WireFlow is a 4-channel Fault Injection Module for Compact RIO. Each channel provides three solid state relays that can be used to create electrical fault conditions like:

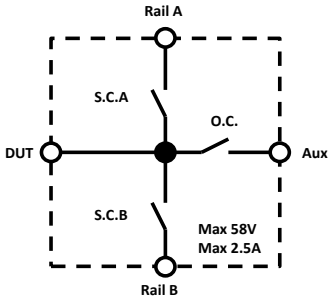
- Open circuit
- Short circuit to battery
- Short circuit to ground

Each channel has a capacity to handle signals up to 58V/2.5A. It is possible to connect channels in parallel for increased current capability.



Application areas

- Product safety testing
- HiL testing (Hardware in the Loop)
- FMEA tests
- Fault simulation



Abbreviations

DUT	**Device Under Test**
S.C.A	**Short Circuit to rail A**
S.C.B	**Short Circuit to rail B**
O.C.	**Open circuit**

Features

- Four independent, galvanically isolated channels
- Entirely solid-state design
- Two general purpose short circuit rails
- LabVIEW driver included
- Compatible with NI VeriStand

Specifications

Channels	4
Max Voltage	58 V
Max current	2.5 A/ch (6A peak < 100 ms)
Channel resistance	< 0.1 Ω
Max power dissipation	1.5 W/module
Update rate	200 S/s

WireFlow AB

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Sweden

www.wireflow.se

WF 3154 Data Sheet
AB0005-005, rev D

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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