RelayDoc

To provide you with an instant analysis of the state of condition of your assets, RelayDoc tests key performance indicators of your relays against the manufacturer's specification, such as:

- Coil Resistance
- Contact Resistance
- Contact Configuration
- Switch Time
- Operate and Release Voltage and Current

Know The Condition Of Your Relays

RelayDoc makes testing your relays easy. Simply plug in a relay and press test. No training required! RelayDoc tests all of the important parameters of a relay against the manufacturer's specification. All tests and reports are viewable instantly on the touch screen and uploaded to the cloud server where they're hosted permanently for you.

Features

- Tests AC and DC relays
- Capacitive touchscreen
- 5" colour TFT display
- Code-pin detection
- LAN & USB
- Cloud database
- Wall mountable
- Barcode reader compatible

Benefits

- Fast and reliable automated relay testing
- Simple to use with no training required
- Stand-alone operation - no computer necessary
- Data is recorded and stored internally
- Displays test results in a simple pass/fail format
- Web server allows for easy remote data access
- Test reports can be transferred to an external USB
- Automatic relay type detection using code-pins
- Asset monitoring and preventative maintenance

RelayDoc
Automatic Relay Tester

MRD Rail Technologies Pty Ltd
+61 7 3821 5151
sales@mrd.com.au
www.mrd.com.au

Part Numbers

RelayDoc	RD-BR930

Technical Specifications

General Data

Mounting	Mounting holes on rear of case
Dimensions (W x H x D)	280 x 180 x 120mm
Weight	2.7kg
Operating Temperature	-20 to 60°C
IP rating	IP65

Test Range

Coil voltage	0 - 110V DC
Coil current	0 - 500mA
Coil type	Single, Dual (Twin), Latch and Current
Contacts	Up to 16 contacts testable

Relay Test Parameters

Contact configuration check	
Max coil power	
Operate and Release voltage and current	
Coil resistance:	0 - 5K, Tolerance +/-1% Resolution 1R
Contact resistance range:	0 - 500R, Tolerance +/-1% Resolution 0.001R
Contact switch time:	+/-0.01 sec Resolution 0.001s
Clean current:	100mA, Tolerance +/-1% Resolution 10mA
Coil voltage:	0 - 50V, Tolerance +/-1%, Resolution 0.1V

Approvals & Compliances

EN 50121	Report No. 160804
Network Rail	UKPA 05/07 703
ARTC	S 09-1609-194