# Know the condition of your relays!

# RelayDoc
### Automatic Relay Tester

RelayDoc makes testing relays easy. Simply plug in a relay and select test. No training required! RelayDoc tests all the important parameters of a relay against the manufacturer's specification. Test reports are displayed on the touch screen and stored onboard for viewing and retrieval. They are also synchronised to a cloud database providing analysis and reporting tools.

**mrd**
RAIL TECHNOLOGIES
MANUFACTURE | RESEARCH | DESIGN

# RelayDoc

**Automatic Relay Tester**

## Data Sheet



## Features

- 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

Automatic relay type detection



Simple pass/fail format



Web server access



Printed test report



## Technical Data

### Mechanical

| | |
|---|---|
| Mounting | Mounting holes on rear of case |
| Dimensions (W × H × D) | 280mm × 180mm × 120mm |
| Weight | 2.7kg |

### Environmental Conditions

| | |
|---|---|
| Operating Temperature | -20 to 60ºC |
| IP rating | IP65 |

### Test Range

- Coil voltage: 0 – 110V DC
- Coil current: 0 – 500mA
- Coil type: Single, Dual (Twin), Latch and Current
- Up to 32 contacts testable

### Relay Test Parameters

- Coil resistance
- Coil power
- Operate & Release voltage & current
- Contact resistance
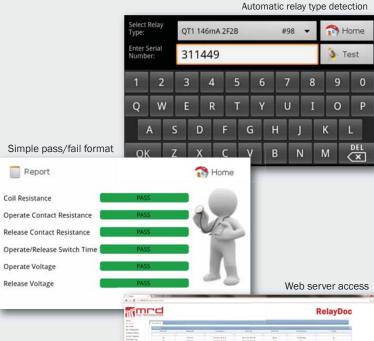- Contact switch time
- Contact configuration check
- Code-pin match

## Compliances

EN 50121
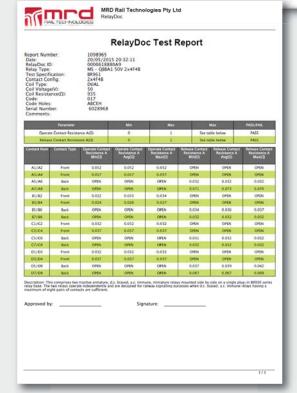CE

## Part Numbers

| | |
|---|---|
| RelayDoc | RD-BR930 |