



# *1B230K9 Test Manual*

## *Two Shot Auto Reclose Relay*

relay monitoring systems pty ltd

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### **Advanced Protection Devices**



User Guide



Test Manual



Relay Software



µMATRIXwin



# 1 B230K9 Test Manual

## Links to Other Documents

- Technical Bulletin: <http://www.rmspl.com.au/handbook/1b230.pdf>
- User Guide: [http://www.rmspl.com.au/userguide/1b230\\_user\\_guide.pdf](http://www.rmspl.com.au/userguide/1b230_user_guide.pdf)
- Application: [http://www.rmspl.com.au/solutions/1b230\\_application.pdf](http://www.rmspl.com.au/solutions/1b230_application.pdf)
- Acad Case Drawings: <http://www.rmspl.com.au/1b230acad.htm>

## Test Certification

This is to certify that the equipment detailed below has been manufactured, inspected & tested in accordance with a Quality System which complies with the requirements of AS/NZS ISO9001-2000.

| Order Number | Serial Number |
|--------------|---------------|
|              |               |

Only valid when the "Passed" box has been signed off by Production Personnel.

## Version Control

| Issue | Date       | Summary of changes |
|-------|------------|--------------------|
| A     | 27/03/2008 | Released.          |
|       |            |                    |
|       |            |                    |
|       |            |                    |

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| Author | Checked & Registered | .pdf file created | Released |
|--------|----------------------|-------------------|----------|
| ERL    | DG                   | DG                |          |



**1.0 HARDWARE SPECIFICATIONS – 1B230K09 [A][B][A][B][B][B][B][B][S]**

- 1.1 Auxiliary Supply**  
 Auxiliary Supply Voltage [A] 20 - 70 VDC
- 1.2 Counter**  
 [B] Fitted
- 1.3 Series Initiate Input**  
 [A] Not required
- 1.4 Status Input 4**  
 CB Auxiliary Switch [B] 24 - 80 V AC/DC
- 1.5 Status Input 5**  
 Drive To Lockout + Reset Lockout [B] 24 - 80 V AC/DC
- 1.6 Status Input 6**  
 Line Volt Monitor [A] 24 – 80 V AC/DC
- 1.7 Status Input 7**  
 Spring Charge + Safe To Close [B] 24 - 80 V AC/DC
- 1.8 Status Input 8**  
 Main Protection Shunt [B] 24 - 80 V AC/DC
- 1.9 Non-Standard Features**  
 Hardware specifications not described in Data Sheet. [S] Dead Time 1&2 = 1 - 30s

**2.0 VERIFICATION**

This is to certify that the equipment has been manufactured, inspected and tested in accordance with a Quality System, which complies with the requirements of ISO9001: 2000.

Testing has been carried out against the declared performance specification 151-230-800 and in accordance with the relevant International (IEC) Standards.

| PASSED BY | DATE |
|-----------|------|
|           |      |

**3.0 CONNECTION DIAGRAM**

