



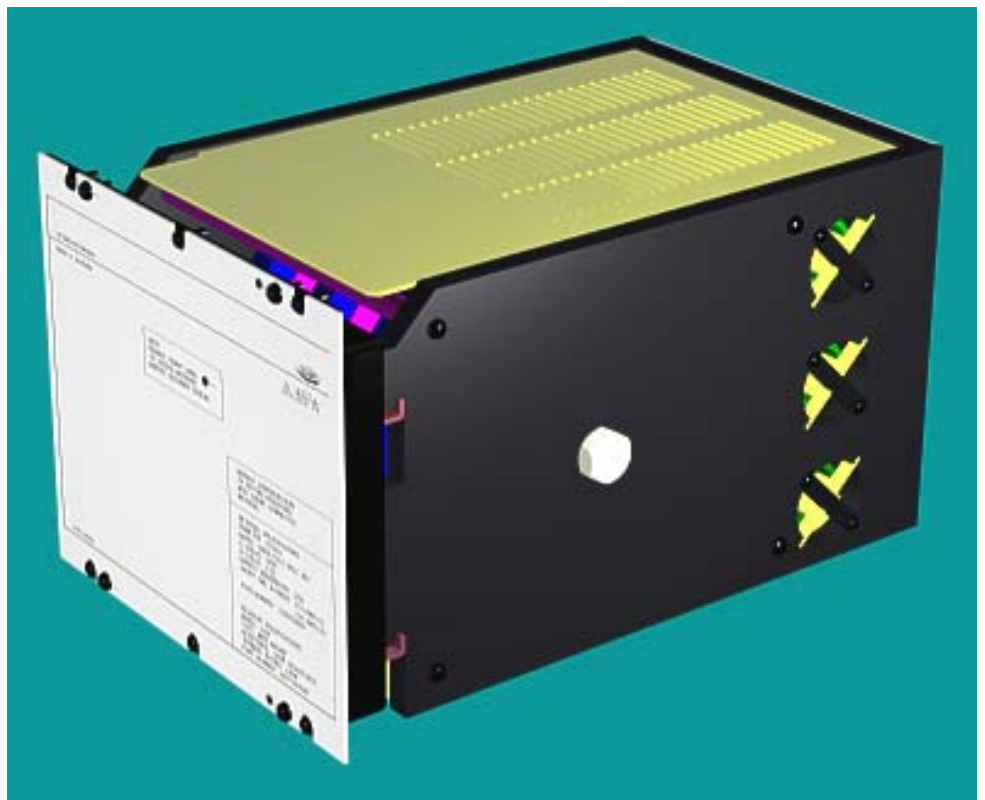
# *2V75K9 Test Manual*


## *Three Phase Metrosil Module*

relay monitoring systems pty ltd

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### **Advanced Protection Devices**



 User Guide

 Test Manual

# 2V75K9 Test Manual

## Links to Other Documents

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User Guide: [http://www.rmspl.com.au/userguide/2V75\\_user\\_guide.pdf](http://www.rmspl.com.au/userguide/2V75_user_guide.pdf)

## Test Certification

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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

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Issue	Date	Summary of changes
A	08/04/2005	Initial issue.

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**1.0 HARDWARE SPECIFICATIONS – 2V075K05 [A][S200][A]**

**1.1 Metrolsil Size**

[A] 152mm (6") Diameter

**1.2 Series Stabilizing Resistors**

[S150] Required – 200 Ohms

**1.3 Mounting Hardware**

[A] 19" Rack or Panel mount

**1.4 Non-Standard Features**

Hardware specifications not described in Data Sheet.

None



**2.0 TEST PROCEDURE**

**2.1 Test Equipment Required**

High Voltage Test Equipment.  
 Authorised assembly documents

**2.2 Associated Drawings**

165-075-109                      Wiring Diagram  
 165-075-500                    Assembly diagram

**2.3 High Voltage Testing**

- a)     Apply 2KV RMS between the terminal groups as listed in A & B below for 1 minute.
- b)     Apply three 5KV 1/50usec pulses of each polarity as listed in A & B below.

GROUP A	GROUP B
All numbered terminals	Frame

**2.4 Hardware Verification**

Verify hardware as to 165-075-500

- a)    Ensure high temp Si wire is used on cct wiring.                      VERIFY
- b)    Ensure rear door opens freely.    VERIFY
- c)    Ensure components are marked as per wiring diagram.              VERIFY
- d)    Check loom is correctly routed and wired.                                  VERIFY
- e)    Ensure resistor mounts are properly torqued.                              VERIFY
- f)    Check customer access to resistor adjustment.                              VERIFY
- g)    Check resistor values. Set resistance to max value.                      VERIFY
- h)    Ensure Metrosil mounts are properly torqued.                              VERIFY
- i)    Ensure all ancillary components are with product.                      VERIFY

PASSED BY	DATE

### 3.0 CONNECTION DIAGRAM

