



TR12 Test Manual

High Speed Tripping Relay

relay monitoring systems pty ltd

Advanced Protection Devices





TR12 Test Manual

Links to Other Documents

Technical Bulletin: http://www.rmspl.com.au/handbook/alpha_tr.pdf

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 ISO9001-2008.

Job Number	Serial Number

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

Version Control

Issue	Date	Summary of changes
A	10/09/2013	Initial issue.

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MVL	SG	SG	



1.0 ORDER CODE DEFINITION

The order code definition is described below and highlighted for the products manufactured with the Job Number shown on page 1.

TR12 - <input type="text"/>			
Nominal Operate Voltage	B	32 V dc	
	C	48 V dc	
	D	110 V dc	
	E	125 V dc	
	F	220 V dc	
	G	240 V dc	
	H	250 V dc	
	Contact Configuration	C	10 Make + 02 Break
D		09 Make + 03 Break	
E		08 Make + 04 Break	
F		07 Make + 05 Break	
G		06 Make + 06 Break	
Contact Function	1	Self-reset contacts	
	2	Latching contacts	Hand reset
	3	Latching contacts	Electrical reset
	4	Latching contacts	Hand and electrical reset
Flag Function	1	Armature flag	Flag resets with contacts
	2	Hand reset flag	Flag resets with front panel reset
	3	Both flags fitted	Refer order codes 1 and 2
	4	No flags fitted	
	5	Reverse acting armature flag	Flag visible with armature reset
	6	Reverse acting hand reset flag	Flag visible with contacts reset
Options	-	No options required	
	C	Operation counter	
	G	Gold plated contacts	
	L	Coil operation LED	
	S	Electrical reset inhibit switch	

2.0 VERIFICATION

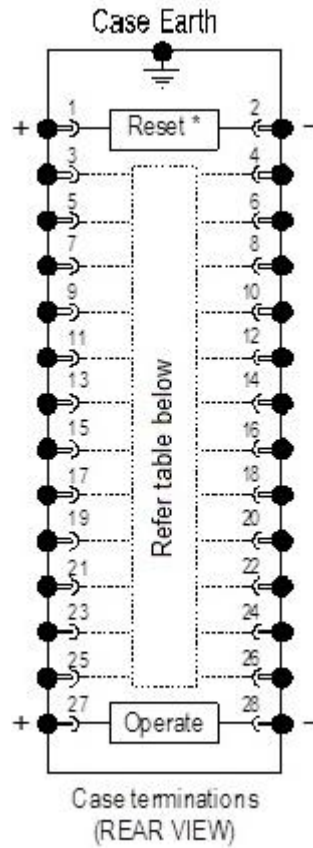
This is to certify that the equipment has been manufactured, inspected and tested in accordance with a Quality System, which complies with the requirements of ISO9001: 2008.

Testing has been carried out against the declared performance specification 195-100-800 and in accordance with the relevant International (IEC) Standards.

PASSED BY	DATE



3.0 CONNECTION DIAGRAM



Contact Configuration	TR12 Case Terminal Number Pairs											
	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26
A 12M+00B	M	M	M	M	M	M	M	M	M	M	M	M
B 11M+01B	M	M	M	M	M	M	M	M	M	M	M	B
C 10M+02B	B	M	M	M	M	M	M	M	M	M	M	B
D 09M+03B	B	M	M	M	M	M	M	M	M	M	B	B
E 08M+04B	B	B	M	M	M	M	M	M	M	M	B	B
F 07M+05B	B	B	M	M	M	M	M	M	M	B	B	B
G 06M+06B	B	B	B	M	M	M	M	M	M	B	B	B