Oven Test

Test Purpose : To check the malfunctioning of UUT at ambient temperature of 65 to 70 deg C.

UUT Details

Product Description	Voltage Protection Relay	
Model No.	600VPR-310/520	
Serial No.	T-1704 & T-1701	
PCB No.	PCB 650 VPR_ST01_SC01_N1 V2.00-10UP PNL	
HW Version No.	V2.00	
SW Version No.	V1.00	
Manufacturer	Selec Controls Pvt. Ltd	
Qty on which test was performed	10No.	
Ambient conditions	**Temperature**	65-70°C
	Humidity	58.00%

Test specification	**As per IEC 60947-2**	
	Test conditions	Apply 415V L-L

The Technical Construction file is maintained at Selec Controls Pvt. Ltd. Navi Mumbai, Indi

(10 APR 2017)

(Date of updated issue)

(Signature of authorized person)

Sr No	Test Conducted	Trip value (V)	Observed Trip value during test (V)	Observed Trip value after test (V)
1	Over voltage pot position at 25%	519	515.4	513.4
2	Over voltage pot position at 10%	456	454	452.3
3	Under voltage pot position at 25%	311	312.4	311.8
4	Under voltage pot position at 10%	373.5	376.7	374

Test Observation:

Sr.No.	Temperature	Duration	Observation	Remark
1	70 °C max. rated ambient temperature ± 2°C (Operational)	4 hour	No functional degradation	Pass

General remarks: NA

Test Conclusion: No functional degradation observed during and after the test. (only LED. indication checked)

22/6/17

Tested By: Pranav
Testing Engineer

Accuracy within limit.

22/6/17

Supervised By: Mahesh V.
Product Engineer

22/6/17

Approved By: Priti Ma'am.
Senior Engineer

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