



TSD-400-□□□ Safety test result
TSD-600-□□□

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No.	Test item	Conditions	Conditions of acceptability	Result
1	Overload test	(1) Overload. 135% of current rating. (2) Ambient temp. $25 \pm 5^{\circ}\text{C}$ (3) Test period 2hour (rated current > 81A)	(1) Evidence of ignition , sealant leakage , cracking , breakage , or similar physical damage is not shown. (2) When a test voltage is applied , isolation resistance is not less than $3.5\text{M}\Omega$. Test voltage rated voltage $\leq 250\text{V}$: 250 V dc rated voltage > 250V : 500 V dc	Pass
2	Withstand voltage test (High-pot test)	(1) Input Not applied. (2) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (3) The applied voltage is 1.4 times of specifications.	(1) Insulation breakdown , flashover or electric arc is not occurred.	Pass
3	Vibration/impact test	Vibration (1) $f=10 \sim 150\text{Hz}$: 14.7m/s^2 (2) 3 minutes period (3) 60 minutes along X, Y and Z axis Impact (1) 147.1m/s^2 11ms (2) Once each X, Y and Z axis	(1) No degradation of electric characteristics after test. (2) No crack at solder joint. (3) No marked damage of appearance.	Pass