



December 5, 2019
NF DESIGN DEPT.

JAC-06-□□□ Safety test result

JAC-10-□□□

JAC-20-□□□

JAC-30-□□□

JAC-40-□□□

JAC-50-□□□

JAC-60-□□□

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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. 1hour (rated current $\leq 81\text{A}$)	(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. 500 V dc (rated voltage $> 250\text{V}$)	OK
2	No ventilation test (Without JAC-06/-10/-20/-30)	(1) Rated current (2) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (3) Test period 48 hours	(1) No smoke, no fire.	OK
3	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.	OK
4	Isolation resistance test (Without code-224,-155)	(1) Input Not applied. (2) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) When a regulation voltage is applied, isolation resistance is 1.4 times of specifications.	OK
5	Vibration/impact test	Vibration (1) $f=10 \sim 150\text{Hz}$: 29.4m/s^2 (2) 3 minutes period (3) 60 minutes along X, Y and Z axis Impact (1) 294.2m/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.	OK