



NAC/NAM/NAP-04-□□□ Safety test result

- NAC/NAM/NAP/NAH-06-□□□
- NAC/NAM/NAP/NAH-10-□□□
- NAC/NAM/NAP/NAH-16-□□□
- NAC/NAM/NAP/NAH-20-□□□
- NAC/NAM/NAP/NAH-30-□□□
- NAC/NAM/NAP/NAH-40-□□□
- NAC/NAM/NAP/NAH-50-□□□
- NAC/NAM/NAP/NAH-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±5°C (3) Test period. 1hour (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 3.5M Ω . Test voltage rated voltage ≤ 250V : 250 V dc rated voltage > 250V : 500 V dc	Pass
2	No ventilation test (Only NAC/NAM/NAP/NAH-40/-50/-60)	(1) Rated current (2) Ambient temp. 25±10°C (3) Test period 48 hours	(1) No smoke, no fire.	Pass
3	Withstand voltage test (High-pot test)	(1) Input Not applied. (2) Ambient temp. 25±10°C (3) The applied voltage is 1.4 times of specifications.	(1) Insulation breakdown , flashover or electric arc is not occurred.	Pass
4	Isolation resistance test (Without code-224,-155)	(1) Input Not applied. (2) Ambient temp. 25±10°C	(1) When a regulation voltage is applied, isolation resistance is 1.4 times of specifications.	Pass
5	Vibration/impact test	Vibration (1) f=10~150Hz : 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.	Pass