

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. $25 \pm 5^{\circ}\text{C}$ (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 rated voltage $\leq 250\text{V}$: 250 V dc rated voltage $> 250\text{V}$: 500 V dc | Pass |
| 2 | No ventilation test (Only NAC/NAM/NAP/NAH-40/-50/-60) | (1) Rated current (2) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (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. $25 \pm 10^{\circ}\text{C}$ (3) The applied voltage is 1.4 times of specifications. | (1) Insulation breakdown , flashover or electric arc is not occurred. | Pass |
| 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. | Pass |
| 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. | Pass |