

FTA-80-□□□ Safety test resultFTA-100-□□□FTA-125-□□□FTA-150-□□□FTB-80-□□□FTB-100-□□□FTB-150-□□□Approved : *Kazumari Asano*Prepared : *Takashi Kato*

| 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 rated current $\leq 81\text{A}$: 1 hour rated current $> 81\text{A}$: 2 hours | (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 | OK |
| 2 | No ventilation test | (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 -155,335) | (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 |