参考資料

COSEL

June 2, 2016
NF DESIGN DEPT.

TAH-50-□□□ Safety test result
TAH-60-□□□
TAH-80-□□□
TAH-100-□□□
TAH-150-□□□

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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℃ (3)Test period rated current ≦ 81A : 1 hour rated current > 81A : 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 3.5MΩ. Test voltage rated voltage ≦ 250V : 250 V dc rated voltage > 250V : 500 V dc	ok
2	No ventilation test	(1)Rated current (2) Ambient temp. 25±10℃ (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±10℃ (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	(1) Input Not applied. (2) Ambient temp. 25±10℃	(1)When a regulation voltage is applied, isolation resistance is 1.4 times of specifications.	ok
5	Vibration/impact test	Vibration (1)f=10～150Hz : 29.4m/s² (2)3 minutes period (3)60 minutes along X, Y and Z axis Impact (1)294.2m/s² 11ms (2)Once each X, Y and Z axis	(1)No degradiation of electric characteristics after test. (2)No crack at solder joint. (3)No marked damage of appearance.	ok