

Test Record

Ref:: AP2014TR1031001

Date of Test:2014-10-31

1.Manufacturer: AMPLE Technology (Shenzhen) Co., LTD.

2.Description of Samples:12kV Un-screened seperable connector boot

3.Quantity of Samples: 3pcs

4.Type of Samples: ALJQ-12/630

5.Test methods (Please see figure 1):

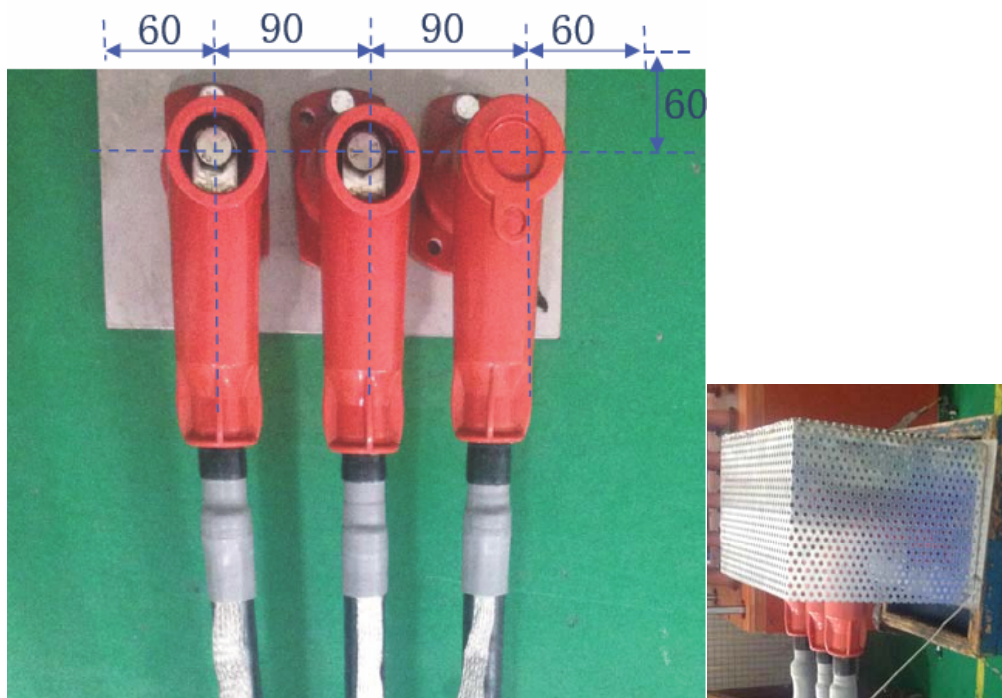


Figure 1

6. Test Sequence and Results

Test sequence	Items	Requirements	Test methods of IEC 61442	Results	Remarks
1	AC withstand voltage test	No breakdown or no flashover shall occur at 39kV for 5 min	Clause 4	No breakdown or no flashover occurred on the combination samples at 39kV for 5 min	PASS
2	Partial discharge test	The magnitude of the discharge at 15kV shall not exceed 10pC	Clause 7	The magnitude of the discharge of the combination samples didn't exceed 3pC at 15kV	PASS
3	Impulse withstand voltage test	No breakdown shall occur at 10 positive and 10 negative impulses of 95kV	Clause 6	No breakdown occurred on the combination samples at 10 positive and 10 negative impulses of 95kV(See Annex A)	PASS

Annex A: (Unit kV)

Positive polarity	95.2	95.6	95.5	96.0	95.7	95.6	95.8	95.9	96.0	95.5
Negative polarity	95.7	95.6	95.8	95.9	96.0	95.5	96.5	95.9	95.8	96.2

