

TS105 F11 – Schneider 11kV Automated Load Switch RL Tank with ADVC Controller Test Record

Job Details

Load Switch No.		Tank Serial No.	
Feeder Name		Controller Serial No.	
Work Order No.		VT Serial No.	

Field On Site - Insulation Resistance Testing

Test Type	Contact Position	Test Results	Acceptable Results	
Load Break Switch				
Insulation resistance test Use a 1000V Insulation Resistance tester (Megger) Measurement to be taken once reading becomes stable	Closed Position (Check indicator position) Refer to Figure 1	I TO II	MΩ	Maximum Resistance Value available on meter (e.g. > 1500 MΩ)
		I TO III	MΩ	
		II TO III	MΩ	
		I TO EARTH	MΩ	
		II TO EARTH	MΩ	
		III TO EARTH	MΩ	
	Open Position (Check indicator position) Refer to Figure 1	I TO X	MΩ	As Above
		II TO XX	MΩ	
		III TO XXX	MΩ	
Contact Resistance Test Use a Multimeter set to ohms	Closed Position (Check indicator position) Refer to Figure 1	I TO X	Ω	Must be under 0.5 Ω
		II TO XX	Ω	
		III TO XXX	Ω	
Power Supply VT				
Insulation resistance test. Use a 1000 V Insulation Resistance tester for 11 kV tank Measurement to be taken once reading becomes stable	PHASE A TO EARTH		MΩ	Maximum Resistance Value available on meter (e.g. > 1500 MΩ)
	PHASE B TO EARTH		MΩ	

Field – Construction Checks

Earthing Installed as per E1003		Photos of Earthing and LS Construction taken & uploaded via AMP	
Earthing tested as per TS109		Local Construction Earthing Resistance Reading as per TS109	Ω

Field - Modem Checks

Modem Signal Strength Check with TNC – 8404 4444	Strength	Attenuator Size if Rqd.
	dB	

Field - Final Checks

The following checks are to be done immediately prior to switching	
Controller in Remote and group 1	
All MCB's on except for incoming 230V AC supply To be turned on once 230V AC is available post testing.	~1
Load Switch in the Open Position	

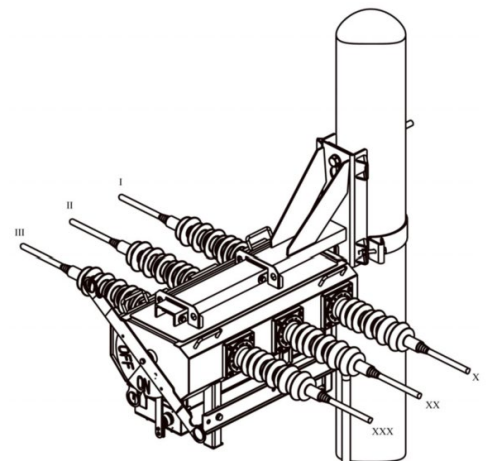


Figure 1 LBS Bushing ID

Form Completed by

Name:		Date	
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This completed form shall be emailed to Recloser Workshop at reclosermailbox@sapowernetworks.com.au

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