

Zpark Installationsprotokoll



Installation Site:	
Installer:	
Date:	

Zpark ID	
Phase rotation	

Before test 1; make sure the device is switched ON with the right 230V socket ON.

TEST 1: SMOOTH DC RAMP		
	Measured break current (mA) 0°	
		230V Right
30 mA		

Before test 2; reset the RCD and make sure the right 230V socket is ON.

TEST 2: LINE, LOOP, AND RCD RAMP			
Test pair	Required impedance	Measured impedance (Ω)	
			230V Right
L - N (PSC)	3 Ω		
L - PE (PEFC)			
	Required current	Measured current (A)	
L - N (PSC)	100A		
L - PE (PEFC)			
		Measured time (s) / current (mA)	
RCD ramp	-		
RCD ramp current	Required < 30mA		

Perform test 3 with the RCD tripped. Make sure test is performed with the LEDs on the Zpark device indicating RED throughout the whole test.

TEST 3: ISOLATION					
Test pair, connector	Required resistance at 1000V	PASS/FAIL			
		Ev Left	EV Right	230V Left	230V Right
L1 - chassis	>1 G Ω (1000 M Ω)				
L2 - chassis	>1 G Ω (1000 M Ω)				
L3 - chassis	>1 G Ω (1000 M Ω)				
N - chassis	>1 G Ω (1000 M Ω)				
PE - chassis	Short circuit				

Reset the device after test 3. Measure the voltage in the right 230V socket.

TEST 4			
Test pair, connector	Voltage	PASS/FAIL	
			230V Right
L - N	210 - 250 V		