

## **Part-4**

### ***Testing***

*(Initial and periodic testing of a new / existing installation up to 1000 V AC and 1500 V DC)*

#### **Testing Basics Information**

<i>Location Number*:</i>	
<i>Location Name*:</i>	3434
<i>Test Engineer Name:</i>	2323
<i>Date:</i>	2021-08-12
<i>Designation:</i>	2323
<i>Company Name:</i>	232
<i>Details Of Test Instrument:</i>	32323
<i>Continuity:</i>	2323
<i>Insulation Resistance:</i>	232
<i>Impedance:</i>	3232
<i>RCD:</i>	3232
<i>Earth Electrode Resistance:</i>	323

**Detailed Testing:**

*Distribution Board Details:* 3232

*Reference (name):* 3232

*Location:* 3232

*Correct Supply Polarity:* Yes

*Number Of Output Circuits - Spare:* 2323

*Installed Equipment Vulnerable To Testing:* 23

*Number Of Output Circuits In Use:* 2

*Ratings In Amps:* 23232,3

Nature of supply parameters	L1-L2	L2-L3	L1-L3	L1-N	L2-N	L3-N	L1-PE	L2-PE	L3-PE
Incoming Voltage	NA	NA	NA	NA	NA	NA	23	323	232
Incoming Zs ( )	NA	23	23	32	32	23	232	3	3
Incoming Ipf (Amps)	NA	232	23	NA	2	23	23	2323	32

Circuit details					
Circuit no	Description	Over current device			
		Standard no	R-N	Rating (A)	Breaking capacity (kA)
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

Conductor details			Continuity ( )			Insulation resistance		Polarity
Installation reference method	cross sectional area (mm2)		Required for final circuits and protective conductor only					
	Live	PE / CPC	Approximate length	R1+R2 ( )	R2 ( )	L-L	L-E	
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

Voltage(V) note								
L1-L2	L2-L3	L1-L3	L1-N	L2-N	L3-N	L1-PE	L2-PE	L3-PE
NA	3232.00	23.00	23.00	233.00	23.00	23.00	23.00	23.00
NA	3.00	23.00	23.00	2.00	23.00	23.00	2.00	23.00

Fault loop impedance ( )								
L1-L2	L2-L3	L1-L3	L1-N	L2-N	L3-N	L1-PE	L2-PE	L3-PE
232.000	32.000	3.000	32.000	NA	NA	NA	2.000	323.000
32.000	32.000	32.000	32.000	NA	NA	NA	32.000	32.000

Actual Short circuit / fault current (Amps)								
L1-L2	L2-L3	L1-L3	L1-N	L2-N	L3-N	L1-PE	L2-PE	L3-PE
NA	NA	32.00	23.00	32.00	23.00	2.00	NA	NA
NA	NA	323.00	323.00	2.00	23.00	23.00	NA	NA

Disconnection time (for a short circuit/fault of negligible impedance) (seconds)								
L1-L2	L2-L3	L1-L3	L1-N	L2-N	L3-N	L1-PE	L2-PE	L3-PE
23	32	23	NA	NA	NA	NA	NA	NA
23	23	23	NA	NA	NA	NA	NA	NA

RCD				Remarks
Live	Operating time		Test button operation	
	In (Current)	In		
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA