

SOK 22 Fault Indication Chart

Green LED's show good, LED's off show problem

Condition Number	Wiring Condition	Supply Terminal			LED Display	Buzzer
		N	E	L		
		Socket Wiring				
1	Correct	N	E	L		Continuous
2	L-E reverse	N	L	E		Warble
3	L-N-E miswire	E	L	N		Warble
4	L-N reverse	L	E	N		Warble
5	L-N-E miswire	L	N	E		Warble
6	Faulty N / L-E miswire	NC	L	N		Warble
7	Faulty N / E miswire	NC	N	L		Warble
8	Faulty N	NC	E	L		Warble
9	Faulty N / L-E reverse	NC	L	E		Warble
10	Faulty E / L-N reverse	L	NC	N		Warble
11	Faulty E	N	NC	L		Warble
12	Faulty E / N miswire	E	NC	L		Warble
13	Faulty E / L-N miswire	L	NC	E		Warble
14	No mains	NC	NC	NC		

SOK 22 LED's will also flash to indicate fault condition

Note: Green earth indication may not show **condition** of earth

Key

The letter indicates the mains supply. The coloured box indicates which socket terminal it is connected to eg:-

L = Live supply connected to neutral terminal on the socket.

NC = No Connection

● ● ● = LED's lit

● = LED's off

E = Protective Earth

Continuous tone - indicating correct wiring

Warble tone - indicating error

Rating 230V

Input current: <18mA (<7mA L-E No RCD Trip)

Frequency: 50Hz

