



267-5729 Earth Leakage Relay

Connection & Test

Check the Auxiliary Voltage on the Relay label. Depending on the Core Balance C/T type chosen connect as shown on one of the wiring diagrams adjacent (230V Phase and neutral shown). Pass the mains cables through the C/T.

When the auxiliary voltage is present the Green LED will light.

Set the Current multiplier switch as required :
 (x1) = range 30mA (0.03A) to 1 Amp
 (x 10) = range 300mA (0.3A) to 10 Amps
 Set tripping current

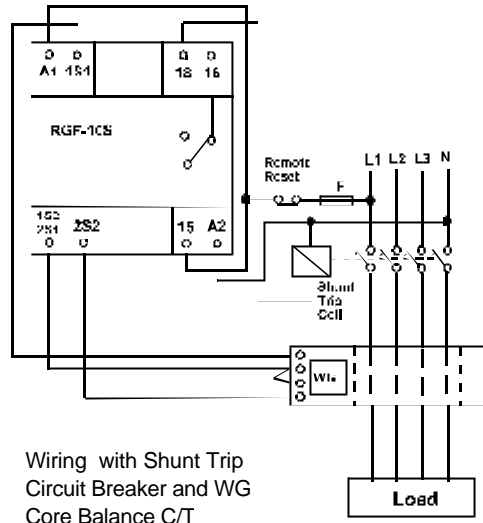
Set the Time delay switch as required from 0 – 10 Seconds.

If the relay is set to 30mA for personnel protection the relay will automatically remain at zero time irrespective of the setting of the Time Delay switch. The Yellow LED marked T = 0 will light as soon as 30mA is set.

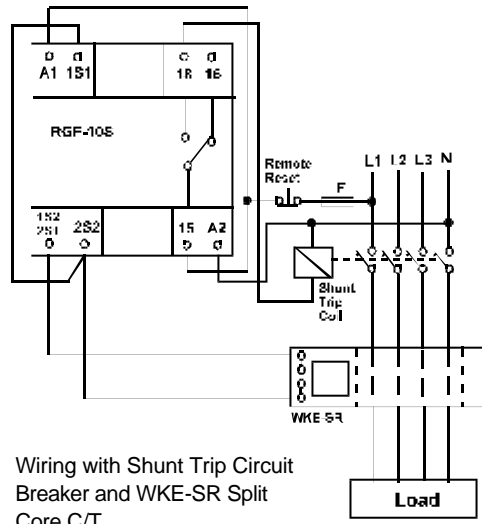
Press the Test button to check that the tripping function operates. The top Red LED will light.

Press the Reset button to reset the relay.

Do not press the Test and Reset buttons together.



Wiring with Shunt Trip Circuit Breaker and WG Core Balance C/T



Wiring with Shunt Trip Circuit Breaker and WKE-SR Split Core C/T

Technical

Auxiliary Voltage :	230V AC
Voltage Tolerance :	+ or – 20%
Frequency :	50....60Hz
Tripping response:	0.03A (30mA)
....10A	
Time delay :	0....10 seconds
Reset:	Manual or Remote P/B
Test:	Manual
Relay contact:	
Resistive	8A, 250V
AC	2.5A, AC11, 250V
AC	5A DC11 24V DC
Insulation :	2500V AC
Mounting:	DIN Rail or Screw

