



# WRU35 Wiring & Setting Instructions

## Connection & Test

Check the Auxiliary Voltage on the Relay label and connect it as shown on the wiring diagram adjacent (230V Phase and neutral shown) ensuring that the supply cables pass through the 35mm aperture in the relay.

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

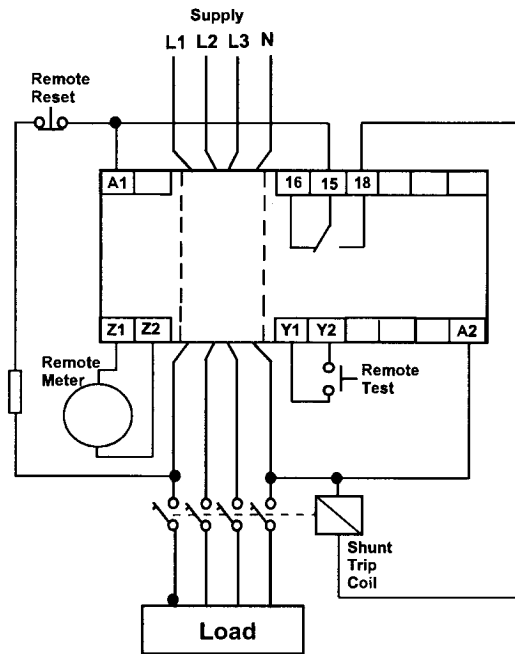
Set the Auto reset - Manual reset switch as required. If a shunt trip circuit breaker is being used either setting may be acceptable. Auto reset should not be used with an undervoltage or contactor controlled application.

Set the tripping Current as required :  
 (0.03) = 30mA (0.1) = 100mA (0.3) = 300mA  
 (0.5) = 500mA ( 1 ) = 1 Amp ( 3 ) = 3 Amps

Set the Time delay switch as required.  
 0.02 , 0.1, 0.3, 0.5, 0.75 or 1 second.

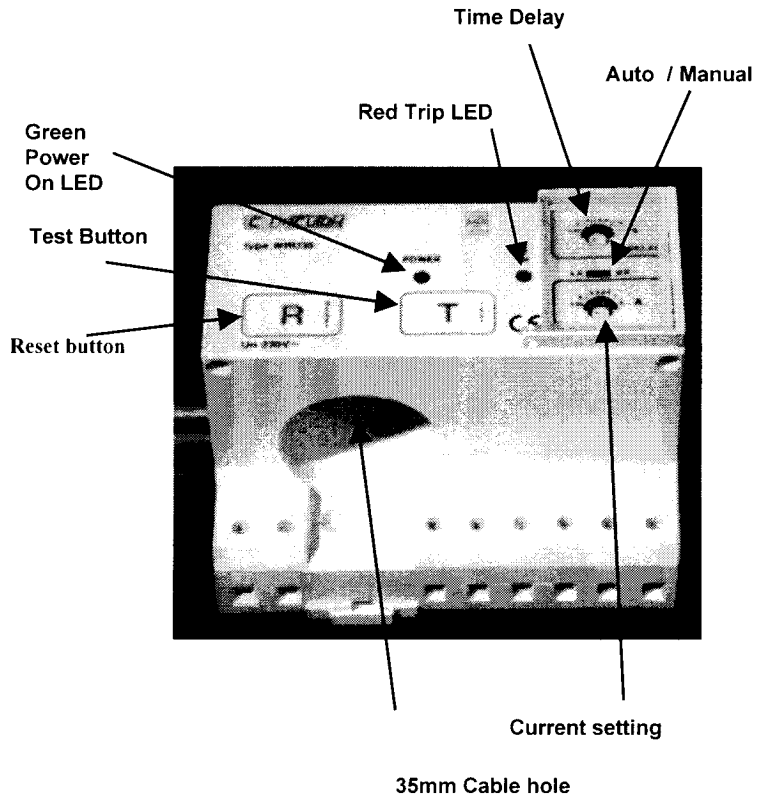
Press the Test button to check that the tripping function operates. The Red LED marked with the Earth sign will light and the POWER LED will go out..

Press the Reset button to reset the relay. Auto reset takes approx 15 seconds.



## Technical

Auxiliary Voltage :	230V AC
Voltage Tolerance :	+ or - 20%
Frequency :	50....60Hz
Tripping response:	0.03A (30mA) ....3A
Time delay :	0.02....1 second
Reset:	Auto/Manual or Remote
Test:	Local or Remote button
Relay contact:	6A, 250V AC Resistive load 4.5A, AC11, 250V AC 5A DC11 30V DC
Remote Meter	(depending on Trip current )
	0.03A 2.25 mV / mA
	0.1A 0.68 mV / mA
	0.3A 0.25 mV / mA
	0.5A 0.15 mV / mA
	1A 0.07 mV / mA
	3A 0.025 mV / mA
Insulation :	1500V AC
Mounting:	DIN Rail or Screw fixing
Enclosure:	DIN Rail 6 module
Protection:	IP41
Terminals:	IP20
Weight:	0.41 Kg
Standards:	IEC364; IEC755; UTE60 – 130; VDE664; NFC61-141( Sect. 1)



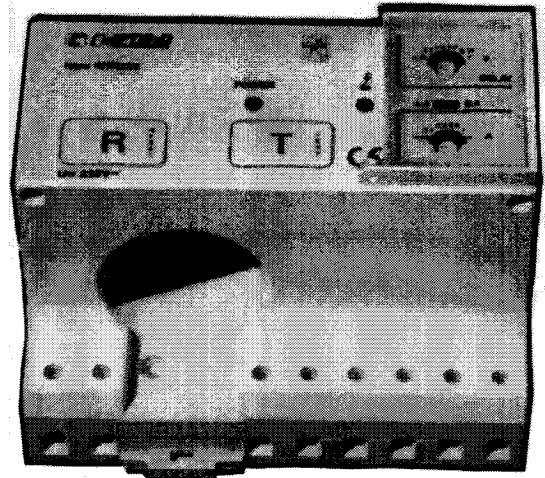


# WRU35 Earth Leakage Relay

The WRU35 electronic Earth Leakage Relay is built in accordance with IEC364 and IEC755 and trips at the minimum time specified when the adjustment is set to 30mA irrespective of the setting on the time adjustment switch.

The Relay is adjustable between 30mA and 3 amps and with the Integral Current Transformer suits many applications where the cables will pass through the 35mm aperture.

The front plate has inbuilt Test and Reset buttons with Power On and Trip LED indicators and a Lexan sealable flap covers the adjustment switches.



Type	WRU35
Tripping range	0.03 - 3A
Time Delay adjustment	0.02 - 1 Second
Auxiliary supply	230V 50/60Hz
Contact	1 Changeover
250V AC Resistive Rating	6A
DC11 Rating	5A 30V DC
Weight	0.26 Kg

- 230V 50/60Hz standard
- 30mA to 3A Adjustable Tripping
- 0.02 to 1 Second Delay Timing
- 35mm bore Internal Transformer
- Manual / Automatic Reset selection
- Power On LED
- Trip LED
- Test button on front
- Reset button on front
- DIN Rail mounting 105mm wide
- Base fixing holes
- Remote Test / Reset connections
- Remote Meter connections
- 250V AC 6A Changeover Relay

