



Technical Data Sheet

TRIAX AUTOMATIC CABLE TESTER

25-005 CANFORD TRIAX CABLE TESTER Fischer

25-006 CANFORD TRIAX CABLE TESTER Lemo

DESCRIPTION

The Canford Triax Cable Tester can be used for testing Triax cables even if fixed or permanently installed. Two units are available in this range, one with Fischer Triax connectors and one to with Lemo Triax connectors. The separate REMOTE barrel allows easy testing of cables where both ends of the cable are remote to each other. Poor solder joints or high resistance is shown by a reduction in the intensity of the display illumination. A table of the main fault conditions is printed on the Cable Tester and reproduced below.

2	3	FAULT		
●	●	●		
			G — Green R — Red Y — Yellow X — Any colour	
G — G	————	Cable good		
R — G	————	1 & 2 reversed		
G — R	————	1 & 3 reversed		
R — R	————	2 & 3 reversed		
Y — G	————	1 & 2 shorted		
G — Y	————	1 & 3 shorted		
Y — Y	————	2 & 3 or all shorted		
	G	————		2 open
	G	————		3 open
	R	————		2 & 3 reversed & 3 open
	R	————		2 & 3 reversed & 2 open
X — X — Y	————	1 or 2 & 3 fault		
X — X — R	————	2 fault		
X — X — G	————	3 fault		
Y — G — Y	————	1 & 2 shorted & fault		
G — Y — Y	————	1 & 3 shorted & fault		
Y — Y — Y	————	2 & 3 or all shorted & fault		
If no LEDs light press Test button				
	G	————	1 open	
	R	————	2 & 3 reversed & 1 open	
No LEDs	————	Two or three open		

CONNECTORS

The main test box unit is the SEND section that accommodates a Female Socket Triax connector. The separate REMOTE barrel is a Male Plug Triax connector.

CABLE TESTING

Switch on the cable tester ensuring that the red LED illuminates. If this is not the case, then fit or replace battery, (see POWER SUPPLY section below). Connect the cable to be tested to the SEND unit and the to the REMOTE barrel. The condition of the cable should then be displayed. If no LEDs illuminate, press the TEST button. The label on the top of the main SEND unit indicates the condition of the cable.

POWER SUPPLY

The cable tester is powered by one 9 volt battery. Alkaline or rechargeable types are recommended.

Batteries:

Alkaline	59-026	Varta 4022
	59-045	GP 1604A
	59-121	Procell MN1604 (10 pack)
Rechargeable	59-065	GP 17R8H

Batteries are available individually unless stated otherwise.

Battery replacement:

Lift the battery cover as directed on the battery compartment to withdraw the battery tray. Replace the battery, observing correct polarity, and slide the drawer home again.