



XLB Test Block Panels

Test Equipment and Accessories

GE Protective Relays

XLB Test Block Panels

The XLB Test Block Panel is designed for use with GE relays that do not have test facilities; an example being the model of the DLP digital distance relay without test facilities. The Test Blocks used in this test panel utilizes the same design features used in the drawout type construction of GE component relays. The standard test plugs used in testing component relays may also be used to test relays connected to the XLB test panel, such as the XLA12A or XLA13A test plugs. These are illustrated on pages 12-3 and 12-4 in this catalogue.

Each XLB Test Block is provided with ten points. The actual number of points required in using the test panel is determined by the number of circuits to be connected. Two Test Block panels are available as shown in Figure 1. Style 1 provides two XLB Test Blocks (TB1 and TB2) and is seven inches high, while style 2 provides four XLB Test Blocks (TB1, TB2, TB3, and TB4) and is ten and a half inches high. Both are designed for the standard 19 inch rack mount.

Style 1 Cat. #: 285A5427G1

Style 2 Cat. #: 285A5427G2

The contact configuration for TB1, TB2, TB3, and TB4 are shown in figure 2, and directions for connecting to them are noted below. Shorting bars are provided on the TB1 block for the CT circuits as shown in Figure 2. The line, relay, and control circuitry connections are made directly to the studs on the rear of the XLB Test Blocks as shown in Figure 3.

Note: The TB1 Test Block must be used for the PT and CT connection as follows:

PT Connections CT Connections

ΦA - B1	ΦA - B5
ΦB - B2	ΦB - B7
ΦC - B3	ΦC - B9
N - B4	N - B6, B8, B10

Relay Connections Relay Connections

ΦA - T1	ΦA in - T5
ΦB - T2	ΦA out - T6
ΦC - T3	ΦB in - T7
N - T4	ΦB out - T8
	ΦC in - T9
	ΦC out - T10

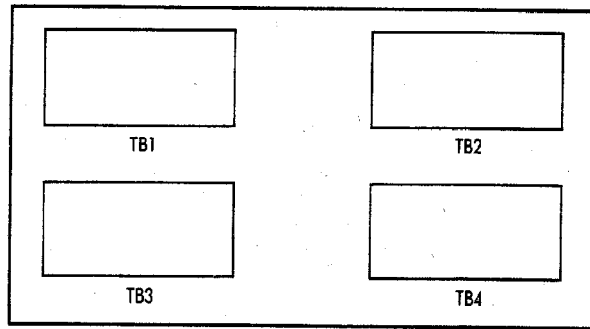


Figure 1. XLB Test Block Panel (front view)

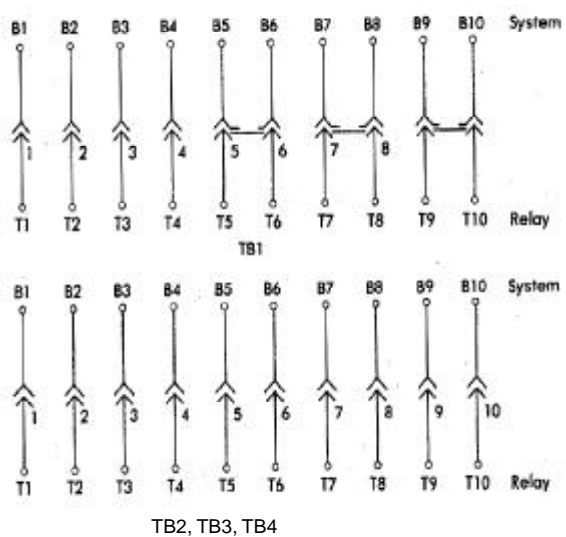


Figure 2. XLB Internal Connections

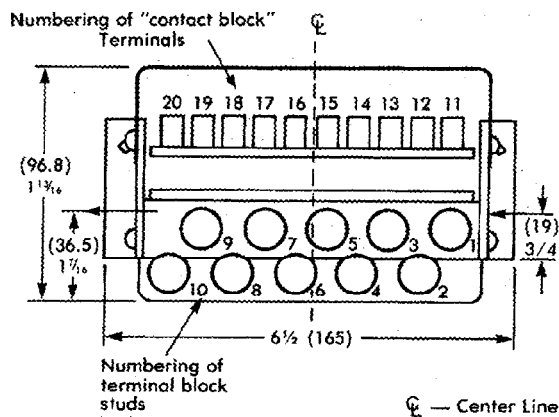


Figure 3. XLB Test Block (back view)

REFERENCES :

- How to Order Section 1
- Instruction Books GEK-100587
- Relay Standards Section 16