

**UNGUARDED INTERVAL TEST SET**  
**FOR USE WITH DISTRICT OR OFFICE SELECTOR TEST FRAME**  
**(BOX TYPE)**  
**EQUIPMENT DESIGN REQUIREMENTS**  
**PANEL SYSTEMS**

**1. GENERAL**

**Scope**

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the assembly, equipment, and circuit to be used in the engineering and manufacture of an unguarded interval test set in panel offices.

**Description**

1.02 The unguarded interval test set is a portable test set for use with the district or office selector test frame to detect an unguarded interval caused by a selector multiple brush overriding the selected terminal once busy ground has been applied.

1.03 The equipment for this test set is assembled in a standard-type housing consisting of a panel on which the control equipment is mounted, and a casing which encloses the equipment and wiring located beneath the panel. A cover is provided to protect the face equipment of the panel when the set is not in use. The cover is so arranged as to permit the storing of cords. The over-all dimensions of the set are 15 inches long, 10 inches wide, and 8 inches high with cover.

1.04 The set is connected to an office or district selector test frame through a cord plugged to the TST 1 jack at each location. Battery and ground is obtained through a cord patched between the BAT-GRD jack at the test set and the A jack of the test frame. Connection to calibration test equipment is obtained through a cord patched to the TT jack. The R jack and associated cord provide a test for maintaining

adjustment of the UG relay. The UF lamp is provided to furnish a visual indication of an unguarded interval failure.

**2. SUPPLEMENTARY INFORMATION**

815-000-000 — Panel Systems Index  
AA128.006 — List of General Equipment Requirements Sections

**3. DRAWINGS**

WECO J drawings should be ordered by referring to the prefix and base number and requesting the current dash (-) number.

J24720A-( ) — Unguarded Interval Test Set  
SD-21986-01 — Unguarded Interval Test Set Circuit

**4. EQUIPMENT**

*J24720A (A&M Only) — Unguarded Interval Test Set*

Equipment — J24720A-( )

*List 1* — Assembly, equipment, and wiring for one unguarded interval test set per SD-21986-01, Fig. 1. (See notes A and B.)

**Notes**

- A. The following material shall be furnished as part of the test set.
- One — 3P15A patching cord assembly
  - One — 2P9C patching cord assembly
- B. This test set shall be wired with 24 gauge type BW wire run as surface wiring on the mounting panel and extended as local cable to jack, key, and lamp face equipment.

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