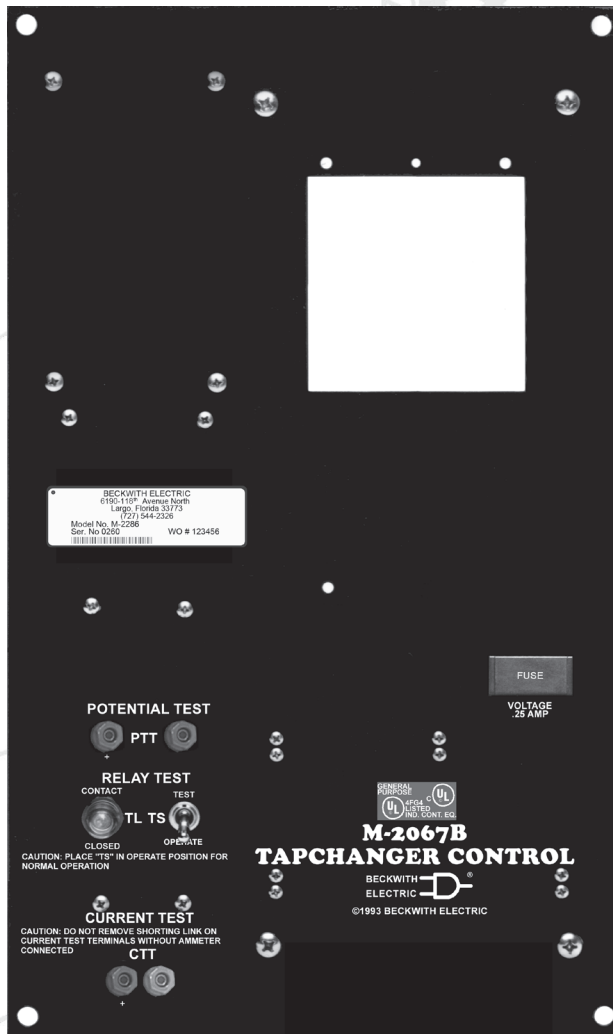


Adapter Panel M-2286

**Adapts M-2001 Series Digital Tapchanger Control
to Replace Westinghouse MS and TM LTC
Transformer Control Panels**



- **Connects easily to the M-2001 Series Digital Tapchanger Control using mounting screws and 24-pin connector**
- **Replaces MS and TM panels, fits directly into existing control cabinet cutout and quickly plugs into existing connectors**
- **Provides built-in CT shorting protection when the M-2001 Series Digital Tapchanger Control is removed**

The M-2286 is a replacement panel which, when combined with the M-2001 Series Digital Tapchanger Control, provides convenient direct replacement for Westinghouse MS and TM Control Panels. The M-2286 mounts directly into the existing cutout in the control cabinet, and includes the M-2067B Adapter Panel with a voltage fuse and two terminal blocks on the rear for external connections.

The M-2286 also includes an M-0169A Auxiliary Current Transformer that contains sockets for existing MS and TM connectors.

Interface

External connections are made to two terminal blocks located on the rear of the M-2067B Adapter Panel. An additional terminal block provides access to auxiliary functions, including self-test alarm, user-programmable alarm, manual raise/lower and operations counter.

Features

Binding posts on the front panel allow easy connections for test procedures.

A relay **TEST/OPERATE** toggle switch with **INDICATOR LIGHT** for **CONTACT CLOSURE**; and a cam switch auxiliary relay (used only for non-sequential operation) are standard.

Testing Specifications

High Voltage: All input and output terminals will withstand 1500 Vac rms to chassis or instrument ground for one minute with a leakage current not to exceed 25 mA, for all terminals to ground. Input and output circuits are electrically isolated from each other, from other circuits and from ground.

Surge Withstand Capability: All input and output circuits are protected against system transients. Units pass all requirements of ANSI/IEEE C.37.90.1-1989 defining surge withstand capability.

Radiated Electromagnetic Withstand Capability: All units are protected against electromagnetic radiated interference from portable communications transceivers.

Environmental

Temperature Range: Functionality is maintained from -40° to +85° C.

Humidity: Functionality is maintained under 95% relative humidity (non-condensing).

Fungus Resistance: A conformal printed circuit board coating inhibits fungus growth.

Physical

Size: 19-3/8" high x 11-3/8" wide (49.21 cm x 28.89 cm)

Depth: with M-2001 Series Digital Tapchanger Control, 3" (7.62 cm); with M-0169A Auxiliary Current Transformer, 3-3/8" (8.57 cm)

Approximate Weight: 7 lbs (3.18 kg)

Approximate Shipping Weight: 10 lbs (4.54 kg)

Approximate Weight with M-2001 Series Digital Tapchanger Control: 11 lbs, 5 oz (5.13 kg)

Approximate Shipping Weight with M-2001 Series Digital Tapchanger Control: 16 lbs (7.26 kg)

Warranty

The M-2286 Adapter Panel is covered by a five year warranty from date of shipment.

Specification subject to change without notice.

BECKWITH ELECTRIC

6190 118th Avenue North • Largo, Florida 33773-3724 U.S.A.

PHONE (727) 544-2326

beckwithelectricssupport@hubbell.com

www.beckwithelectric.com

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