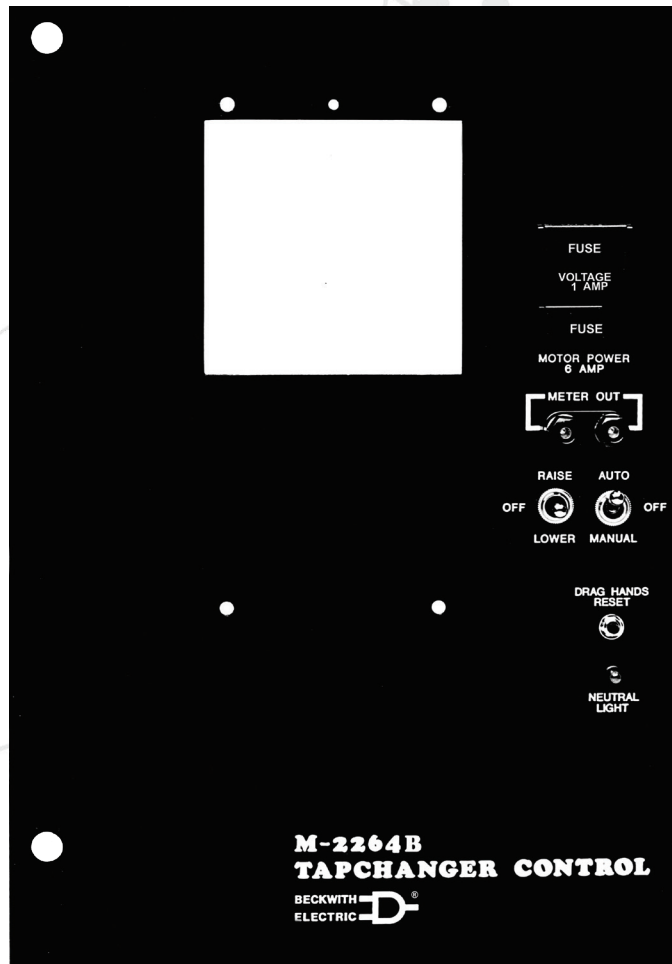


Adapter Panel M-2264B

**Adapts M-2001 Series Digital Tapchanger Control
to Replace Balance Beam Controls for
General Electric ML-32 Regulators**



- Connects easily to the M-2001 Series Digital Tapchanger Control using mounting screws and 24-pin connector
- Provides direct mechanical replacement of the existing regulator control using the same two thumbscrews
- Provides built-in CT shorting protection when the M-2001 Series Digital Tapchanger Control is removed

The M-2264B is an adapter panel which, when combined with the M-2001 Series Digital Tapchanger Control, provides convenient direct replacement of balance beam controls for General Electric ML-32 regulators. The M-2264B mounts into the control cabinet using the same two thumbscrews which *must be saved* from the original control.

Interface

External connections are made via a wiring harness that connects from a fifteen-position terminal block to the terminal block on the existing control cabinet. An additional terminal block provides access to auxiliary functions, including self-test alarm, user-programmable alarm, auto disable and manual raise/lower.

Features

Separate fuses for voltage sensing and motor power are on the front panel. Spare fuses for each are in the fuse holder.

Binding post on the front panel allows easy connections for test procedures.

RAISE/OFF/LOWER and **AUTO/OFF/MANUAL** switches, **DRAG HANDS RESET** button, and **NEUTRAL LIGHT** are standard.

NEUTRAL LIGHT will light to indicate that the regulator is in the neutral position, for those regulators equipped with a circuit for this purpose.

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 with M-2001 Series Digital Tapchanger Control: 15.38" high x 10.45" wide x 5.125" deep (39.07 cm x 26.54 cm x 13.02 cm)

Approximate Weight: 3 lbs (1.36 kg)

Approximate Shipping Weight: 8 lbs (3.63 kg)

Approximate Weight with M-2001 Series Digital Tapchanger Control: 7 lbs, 5 oz (3.32 kg)

Approximate Shipping Weight with M-2001 Series Digital Tapchanger Control: 14 lbs (6.4 kg)

Warranty

The M-2264B 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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