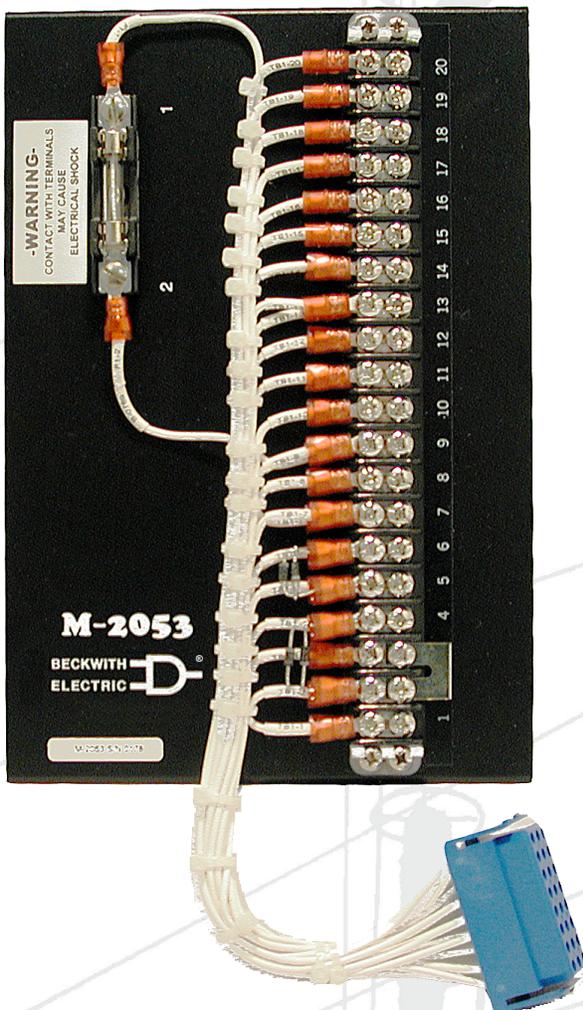


# Adapter Panel M-2053

**Adapts M-2001 Series Digital Tapchanger Control  
for Surface Mounting Applications**



- **Connects easily to the M-2001 Series Digital Tapchanger Control using four mounting screws and 24-pin connector**
- **Provides mounting adaptable to several different configurations**
- **Provides built-in CT shorting protection when the M-2001 Series Digital Tapchanger Control is removed**

The M-2053 Adapter Panel – Specification

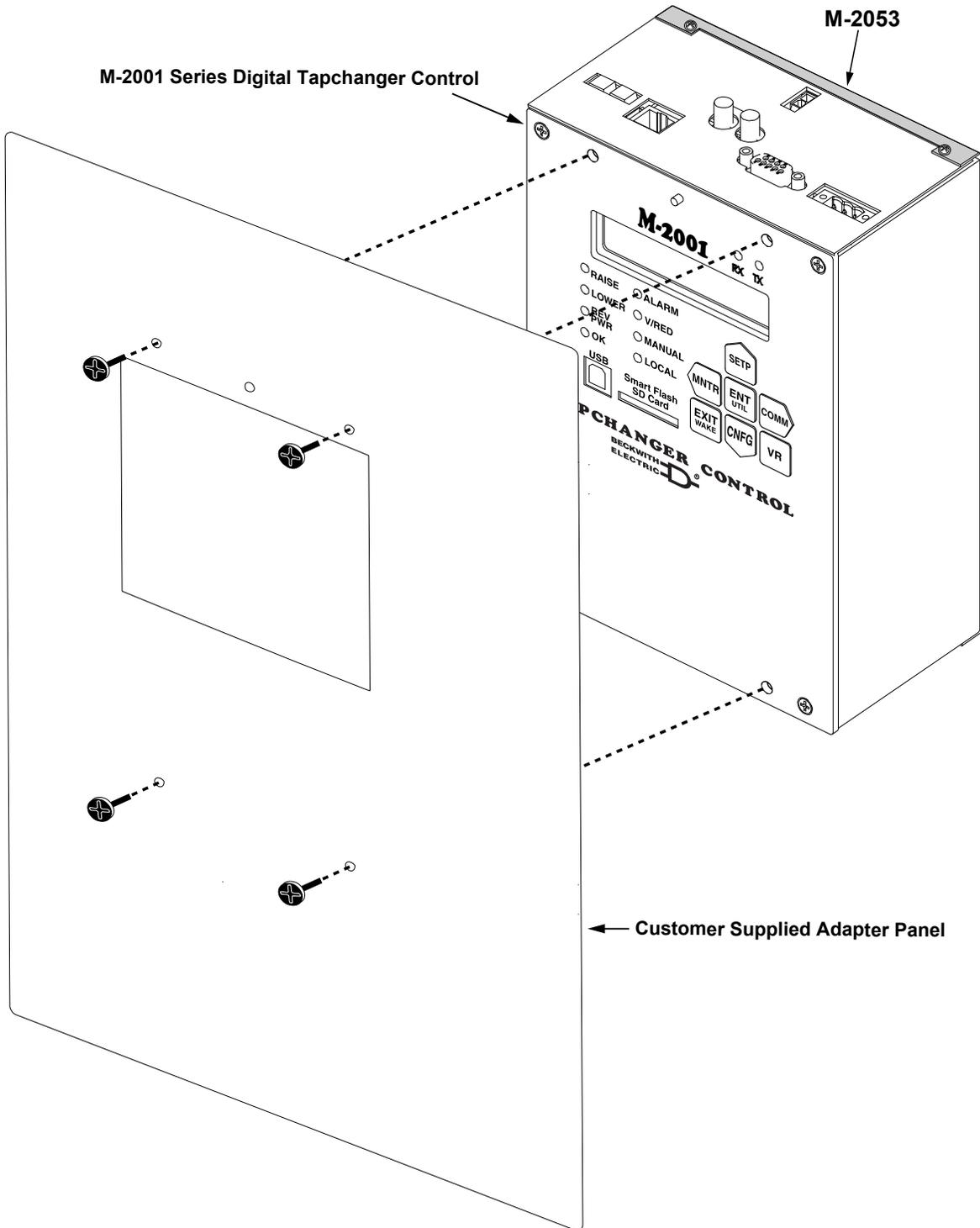


Figure 1 M-2053 to M-2001 Series Control Orientation

The M-2053 is an adapter panel which permits M-2001 Series Digital Tapchanger Controls to be surface-mounted while providing access points for wire terminations.

## Interface

External connections are made to a terminal block located on the rear of the adapter panel.

## 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 as outlined in ANSI/IEEE C37.90.2-1987 defining radiated electromagnetic withstand capability.

## Environmental

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

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

## Physical

**Size with M-2001 Series Digital Tapchanger Control:** Overall dimensions are 8.60" high x 5.80" wide x 3.38" deep (21.8 cm x 14.73 cm x 8.6 cm); requires a panel cutout of 4" x 4" (10.2 cm x 10.2 cm)

**Approximate Weight:** 2 lbs (0.91 kg)

**Approximate Shipping Weight:** 5 lbs (2.27 kg)

**Approximate Weight with M-2001 Series Digital Tapchanger Control:** 5 lbs, 11 oz (2.58 kg)

**Approximate Shipping Weight with M-2001 Series Digital Tapchanger Control:** 10 lbs, 11 oz (4.85 kg)

## Warranty

The M-2053 Adapter Panel is covered by a five year warranty from date of shipment.

*Specification subject to change without notice.*



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