

Six-point secondary terminal blocks used with Magnum low voltage circuit breakers

⚠ WARNING

- (1) ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD BE PERMITTED TO WORK ON THE EQUIPMENT
- (2) ALWAYS DE-ENERGIZE PRIMARY AND SECONDARY CIRCUITS IF A CIRCUIT BREAKER CANNOT BE REMOVED TO A SAFE WORK LOCATION
- (3) DRAWOUT CIRCUIT BREAKERS SHOULD BE LEVERED (RACKED) OUT TO THE DISCONNECT POSITION.
- (4) ALL CIRCUIT BREAKERS SHOULD BE SWITCHED TO THE OFF POSITION AND MECHANISM SPRINGS DISCHARGED.

FAILURE TO FOLLOW THESE STEPS FOR ALL PROCEDURES DESCRIBED IN THIS INSTRUCTION LEAFLET COULD RESULT IN DEATH, BODILY INJURY, OR PROPERTY DAMAGE.

⚠ WARNING

THE INSTRUCTIONS CONTAINED IN THIS IL AND ON PRODUCT LABELS MUST BE FOLLOWED. OBSERVE THE FIVE SAFETY RULES.

- DISCONNECTING;
- ENSURE THAT DEVICES CANNOT BE ACCIDENTALLY RESTARTED;
- VERIFY ISOLATION FROM THE SUPPLY;
- EARTHING AND SHORT-CIRCUITING; AND;
- COVERING OR PROVIDING BARRIERS TO ADJACENT LIVE PARTS.

Section 1: General information

Secondary terminal blocks have finger-proof hinged covers with small holes for probe testing.

This product is intended for use in Magnum circuit breakers with PXR or Digitrip trip units.

Note: All images show a Magnum circuit breaker with a PXR trip unit unless stated otherwise. Some components, such as the trip unit, not shown for clarity.

Required tools

- Phillips screwdriver (#2)

Section 2: Installation of the terminal blocks

To install the terminal blocks, proceed with the following steps:

Step 1: Remove the one screw and retaining bracket from the right side of terminal block mounting bracket.

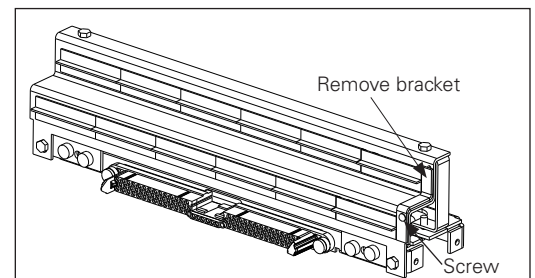


Figure 1. Step 1

Step 2: Slide each blank to the right until the tabs of the blank line up with cutouts in the bracket, then remove. Follow this procedure for both rows.

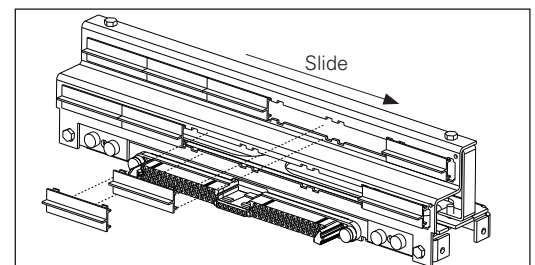


Figure 2. Step 2

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Step 3: Position the terminal blocks so that their hinged door opens down. Then insert the tabs of the terminal blocks into cutouts of the terminal block mounting bracket, and slide to the left. Ensure that all gaps are refilled with blanks.

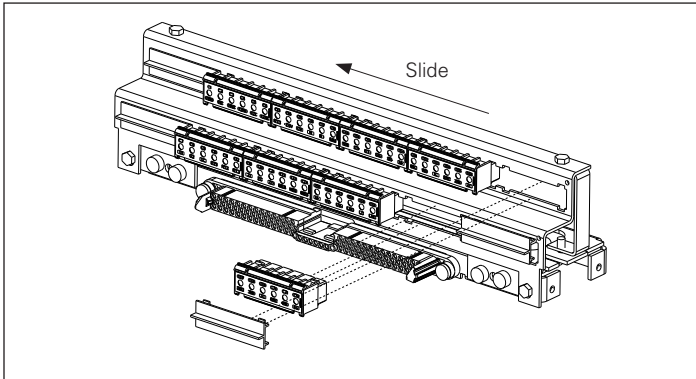


Figure 3. Step 3.

Step 4: Replace the retaining bracket and screw removed in Step 1 after both rows are fully populated with terminal blocks and blanks. Ensure that all terminal blocks and blanks are slid all the way to the left to lock them into position.

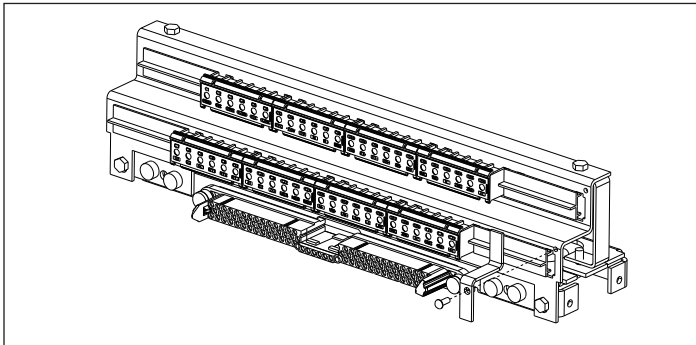


Figure 4. Step 4

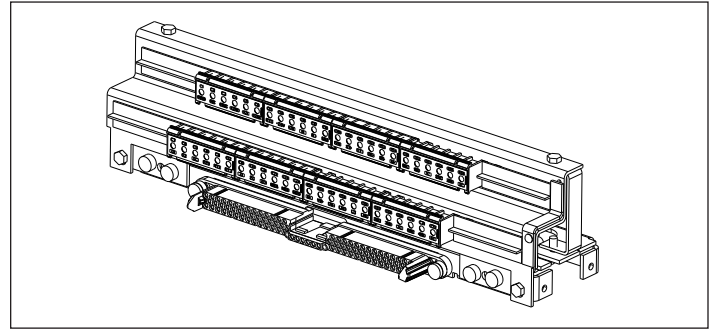


Figure 5. Example configuration

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