Vertical adapter kit for fixed Magnum low voltage circuit breakers or IEC cassettes

⚠️ 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 BREAKER MUST BE REMOVED FROM ITS ENCLOSURE FOR THIS INSTALLATION PROCEDURE.
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.

Section 1: General information

The vertical stab adapter kit provides a means by which the primary terminal connections can be mounted vertically to the breaker or cassette. The instructions for this kit apply to the following Magnum frames: narrow frame up to 2000A, standard frame at 2000A, and double-wide frame at 4000A.

Required tools
- Socket drive torque wrench
- 17 mm socket
- 17 mm wrench

Kit parts identification

Refer to Figure 1 for a visual parts reference of hardware supplied in a kit.

(A) 90 degree adapter 1/2 x 3 (six for three-pole installations, eight for four-pole installations)
(B) M10 x 45 mm hex head screw (12 for three-pole installations, 16 for four-pole installations)
(C) M10 conical washer (12 for three-pole installations, 16 for four-pole installations)
(D) M10 flat washer (24 for three-pole installations, 32 for four-pole installations)
(E) M10 hex nuts

Note: Kit content quantities are doubled when ordering adapter kits for double-wide frame sizes.

Figure 1. Contents of Kit

Section 2: Installation of vertical adapter kit

To install a vertical adapter kit, proceed as follows:

Step 1: Mount one adapter to each conductor with two M10 x 45 mm hex head screws, two conical spring washers, four flat washers, and two hex nuts. Torque the bolts to 37–43 ft-lbs (50–58 Nm).

Note: The adapters mount on top of the line conductors and on the bottom of the load conductors.

⚠️ CAUTION

FOR PROPER OPERATION THE ADAPTERS MUST BE TORQUED TO THE GIVEN SPECIFICATION.
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