

6-port multi-wire lug kit for use on 400 A Compact Circuit Protector and 400 A CUBEFuse holders

Catalog no. CCP2-MW6-6

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

MAY RESULT IN DEATH OR SERIOUS INJURY

Working on or near energized circuits poses a serious risk of electric shock. De-energize all circuits before installing or servicing this equipment and follow all prescribed safety procedures.

PELIGRO

RIESGO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELÉCTRICO

PUEDO CAUSAR LESIONES GRAVES O INCLUSO LA MUERTE

Trabajar en o cerca de circuitos energizados representa un grave riesgo de descarga eléctrica. Desconecte todos los circuitos antes de realizar alguna instalación o de dar servicio a este equipo y siga todos los procedimientos de seguridad indicados.

DANGER

RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ARC ÉLECTRIQUE

RISQUE DE MORT OU DE BLESSURES GRAVES

Travailler sur des circuits sous tension ou à proximité pose un risque grave de choc électrique. Mettez tous les circuits hors tension avant d'installer ou d'effectuer l'entretien de cet équipement et suivre toutes les procédures de sécurité prescrites.

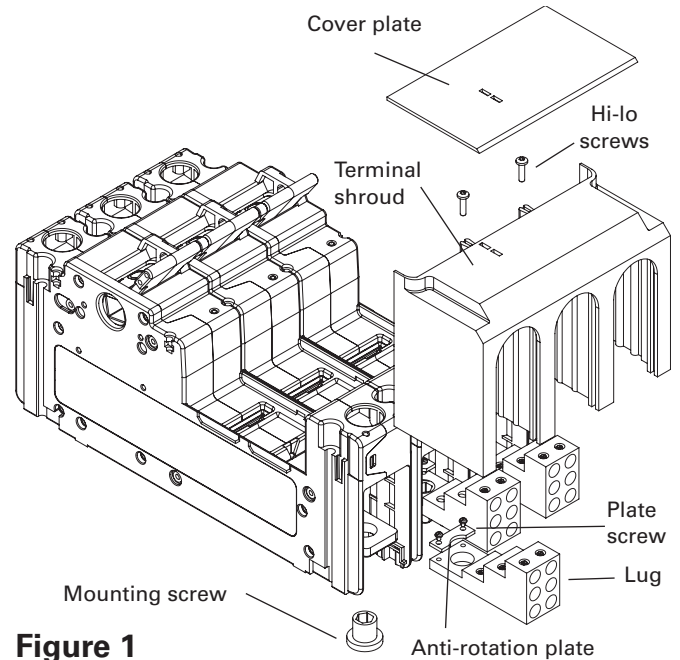


Figure 1

Kit contents

(3) 6-port lugs, (3) anti-rotation plates, (6) #6 plate screws, (3) mounting screws, (1) terminal shroud, (2) #4 x 1/2" hi-lo screws, (1) Warning /Torque Label, and (1) cover plate

Wire range 1/0-14 AWG (maximum 6) copper or aluminum wires.

This kit is UL Listed (File E64983) for field installation on the loadside of the 400 A Frame Compact Circuit Protector (CCP) or 400 A CUBEFuse holder.

Note: The purpose of these lugs is to distribute power to more than one load and are to be installed only on the loadside.

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WARNING:

CONDUCTORS SIZED FOR LOAD CURRENTS LOWER THAN THE FUSE RATING WILL NOT BE PROTECTED BY THE FUSE.
EACH LOAD CONDUCTOR MUST BE PROTECTED BY AN INDIVIDUAL OVERCURRENT PROTECTIVE DEVICE AND MEET ANY ADDITIONAL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.

Instructions for assembly

If CCP or CUBEFuse holder is already installed in equipment, it must be removed from equipment for installing this kit. This kit is intended for use only on the loadside. See Figure 1.

1. Remove and discard existing loadside wire lugs from CCP or CUBEFuse holder, if applicable.
2. Assemble anti-rotation plate to lug and secure with #6 plate screws. Torque to 0.6 N•m (5 lb-in).

NOTE: Use only mounting screws provided with kit. Do not substitute, or electrical spacings may not be met.

3. Assemble lug on top of the terminal as shown and tighten securely with mounting screw. Torque to 22.0 N•m (200 lb-in).
4. Use the cover plate (with wire seal use only).

The CCP or CUBEFuse holder may be installed into equipment at this time. After installation, mount terminal shroud with hi-lo screws (see Figure 1).

FIELD WIRINGS:

Note: It may not be possible to install the largest conductors in adjacent lug ports due to the wire insulation thickness. Use only connections that allow inserting wires without undue insulation interference between wires at the lug. When fully inserted into the lug, the insulation should be within 1/8 inch of the lug. Strip wires to lengths shown below.

| Wire size range — AWG (mm ²) | Torque — N•m (lb-in) |
|--|----------------------|
| 10-14 (6-2.5) | 3.9 (35) |
| 8 (10) | 4.5 (40) |
| 4-6 (25-16) | 5.0 (45) |
| 1/0-2 (50-35) | 5.6 (50) |

| Lug port | Wire strip length — in |
|----------|------------------------|
| Upper | 3/4 to 7/8 |
| Middle | 1-3/8 to 1-1/2 |
| Lower | 2 to 2-1/8 |

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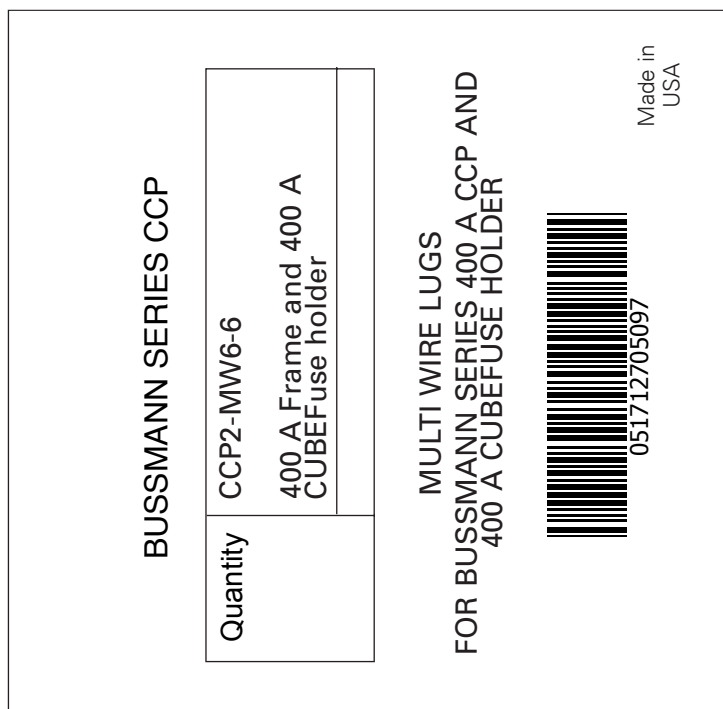
These instructions are published solely for information purposes and should not be considered all-inclusive.

If further information is required, consult Application Engineering at 855-287-7626 Monday-Friday from 7:00 a.m. — 5:00 p.m. Central time or email FuseTech@Eaton.com.

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