

## DEH004 INSTALLATION INSTRUCTIONS

# E Frame Molded-Case Circuit Breakers

Terminal lug for TEB, TEC, TED and THED Frame



**WARNING:** Danger of electrical shock or injury. Turn OFF power ahead of device before lug installation or modification. Do not remove circuit protection devices until the power is turned OFF.

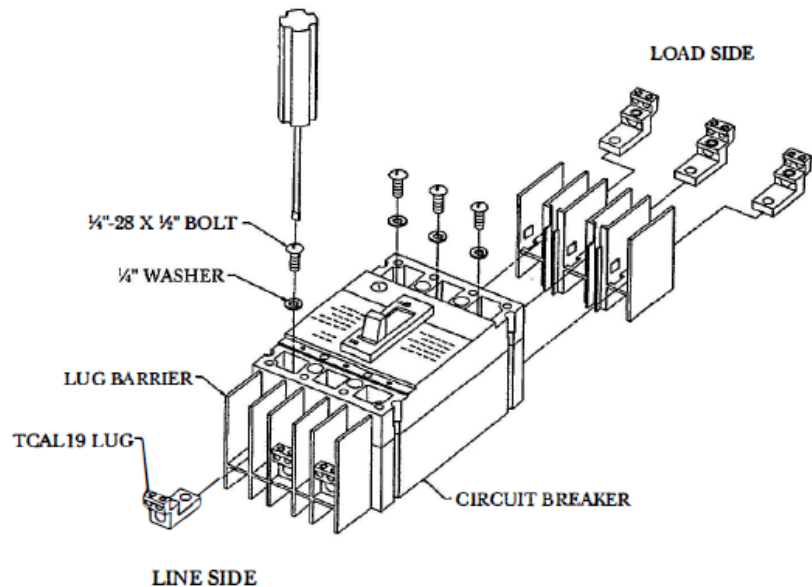
**ATTENTION:** Danger d'electrocution. Couper d'alimentation avant d'installer les bornes ou de modifier le raccordement. Ne pas retirer l'appareil de protective avant que l'alimentation soit coupee.

### TCAL19PD3 & TCAL19PD1

Suitable for use with (2) #4 to #14 AWG and (1) 2/0 to #4 A WG Cu & Al wire

1. Remove existing lugs from circuit breaker.
2. Assemble lugs, 1/4" washers, 1/4"-20 x 5/8" bolts, and lug barrier as shown on assembly drawing below.
3. Torque 1/4"-28 x 1/2" bolts 50 to 60 inch-pounds.
4. Please refer following table for wire size and respective screw torque value for proper connection to the lug.

Wire Entry Hole	Wire Range AWG-Copper	Screw Torque Lb-In
Large	No. 2/0-3	50
	No. 4-6	45
	No. 8	40
	No. 12-14	35
Small	No. 4-6	35
	No. 8	25
	No. 12-14	20



These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the ABB Company.