

# INSTALLATION INSTRUCTIONS



## HAZARD OF ELECTRIC SHOCK, BURN OR EXPLOSION

- Turn off and lock out all power supplying the circuit breaker before installing lug kit.
- These lug kits must be installed and serviced only by qualified electrical personnel.
- Replace lug cover before turning on power to circuit breaker.

FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN DEATH OR SEVERE INJURY.

WEG is not liable for the misapplication or incorrect installation of its products.

These instructions do not intend 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. If any questions arise, contact WEG For further information or instructions.

Lug kits for use with breaker types are given in Table 1.

Table 1. FOR USE WITH BREAKER TYPES.

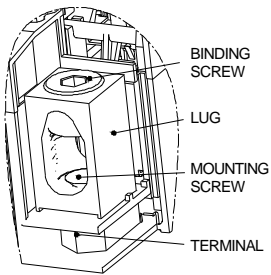
Item	Breaker Types	Usage
LUG SET LW01	ACW125P 2P, ACW125W 2P ACW125P 3P, ACW125W 3P	LINE Side & LOAD Side
LUG SET LW2	ACW250P 2P, ACW250W 2P ACW250P 3P, ACW250W 3P	
LUG SET LW4	ACW400P 2P, ACW400W 2P ACW400P 3P, ACW400W 3P	
LUG SET LW6 LUG SET LW8	ACW800P 2P, ACW800W 2P ACW800P 3P, ACW800W 3P	

NOTE: The terminals have been tested per UL-486A with standard Cable.

## ITEM : LUG SET LW4

For Use with : ACW400P 2P, ACW400W 2P, ACW400P 3P, ACW400W 3P

1. Turn off and lock out power supply before installing lug kit.
2. Place lug on circuit breaker terminal. Position so slots on the lug engage terminal tabs.
3. Mount lug to breaker terminal with mounting screw.  
Tighten mounting screw to 310 lb-in to securely attach lug.
4. Install conductor cable and tighten binding screw securely to prevent overheating of conductor and lug.
5. Replace lug cover and tighten lug cover screws.



[Fig. 3 : LW4]

Wire Size [AWG/Kcmil]	Binding screw tightening torque[lb-in]
3/0(2)	250
250 ~ 400	325
500	375

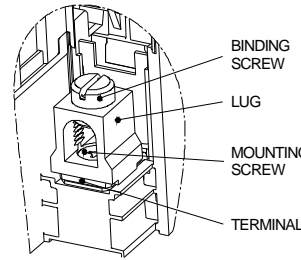
## ITEM: LUG SET LW1 (FIG. 1)

For Use with: ACW125P 2P, ACW125W 2P, ACW125P 3P, ACW125W 3P

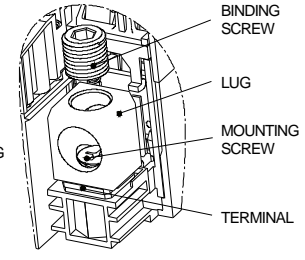
## ITEM: LUG SET LW2 (FIG. 2)

For Use with: ACW250P 2P, ACW250W 2P, ACW250P 3P, ACW250W 3P

1. Turn off and lock out power supply before installing lug kit.
2. Place lug on circuit breaker terminal. Position so slots on the lug engage terminal tabs.
3. Mount lug to breaker terminal with mounting screw.  
Tighten mounting screw to securely attach lug.  
(LW1 : 40 lb-in, LW2 : 155 lb-in)
4. Install conductor cable and tighten binding screw securely  
To prevent overheating of conductor and lug.



[Fig. 1 : LW1]



[Fig. 2 : LW2]

Wire Size [AWG]	Binding screw tightening torque[lb-in]	Wire Size [AWG/Kcmil]	Binding screw tightening torque[lb-in]
14 ~ 8	60	1	150
6 ~ 1/0	90	1/0 ~ 2/0	180
		3/0 ~ 4/0	250
		250 ~ 300	325

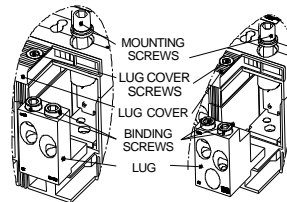
60-75 Cu ONLY

60-75 Cu ONLY

## ITEM: LUG SET LW6/LW8

For Use with : ACW800P 2P, ACW800W 2P, ACW800P 3P, ACW800W 3P

1. Turn off and lock out power supply before installing lug kit.
2. Remove lug cover.
3. Place lug on circuit breaker terminal.
4. Mount lug to breaker terminal with two mounting screws.  
Tighten mounting screws to 310 lb-in to securely attach lug.
5. Install conductor cable and tighten binding screw securely to prevent overheating of conductor and lug.
6. Replace lug cover and tighten lug cover screws.



[Fig. 4 : LW6]

[Fig. 5 : LW8]

Wire Size [Kcmil]	Binding screw tightening torque [Lb-in]
250 ~ 400(2)	375
500(2)	375

75 Cu ONLY

### <Part List>

Item	QTY	LUG KIT
LUG-LW6	1	LW6
BINDINGSCREW-LW6	2	
LUG-LW8	1	LW8
BINDINGSCREW-LW8	3	
MOUNTINGSCREW (BOLT,HEXSOCKET,M12XL35)	1	LW6& LW8

