
INSTALLATION INSTRUCTIONS

Original Issue Date: **10/89**
Model: **20-300 kW**
Market: **Standby**
Subject: **Line Circuit Breaker Kits (Type 2 Mounting)**

The line circuit breaker kit is used as an interrupting device to protect the load and generator set from overload. The circuit breaker is installed on the left side of the generator set junction box.



**Accidental starting.
Can cause severe injury or death.**

Disconnect battery cables before working on generator set (negative lead first and reconnect it last).

Accidental starting can cause severe injury or death. Turn generator set master switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator set. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.

INSTALLATION

1. Place generator master switch to the OFF position. Disconnect battery of generator set, negative lead first.
2. Remove the left-side panel of the junction box by removing the six screws.
3. Wire the circuit breaker according to the proper wiring diagram, see Figure 1.

NOTE

After connecting jumper leads to generator leads, be sure to insulate with electrical tape.

4. With new panel clean and dry, attach decals and nameplate. See old panel for locations.
5. Install the circuit breaker to the new panel with the four included screws and lock washers, see Figure 2.
6. Attach the new panel to junction box by replacing the six screws.
7. Check that the generator master switch is in the OFF position. Reconnect battery, negative lead last.

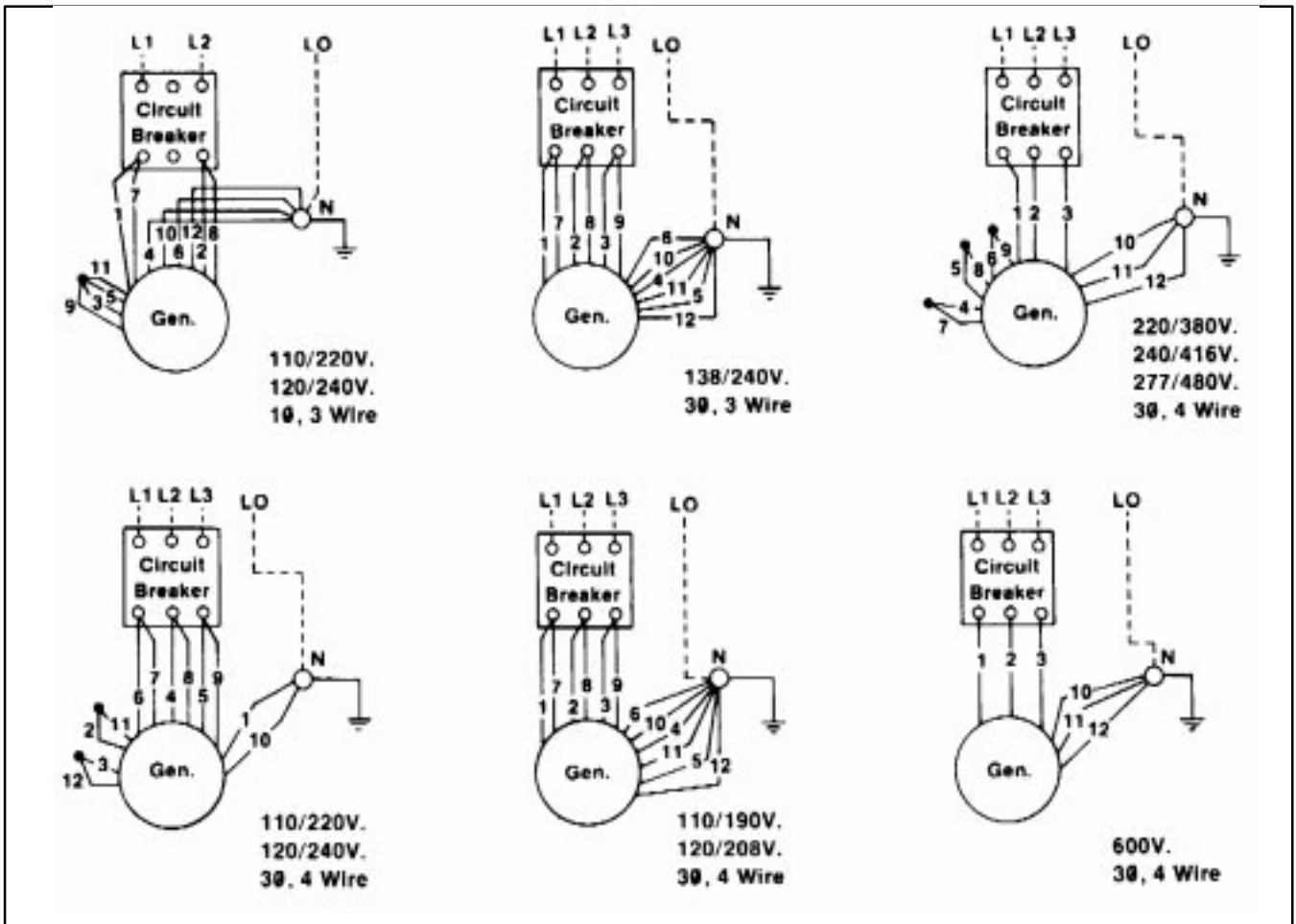
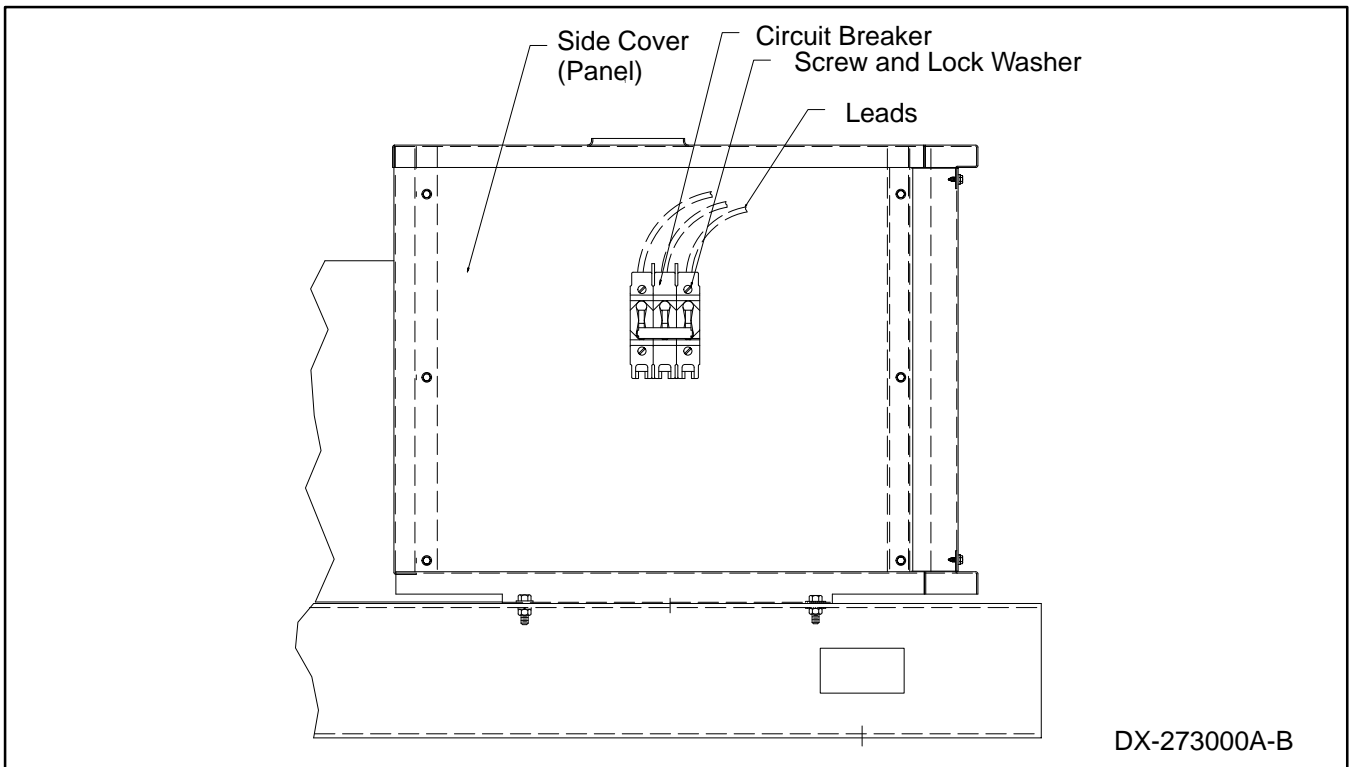


Figure 1. Circuit Breaker Wiring Diagrams



DX-273000A-B

Figure 2. Circuit Breaker Assembly

Common Parts List		
Qty.	Description	Part Number
4	Washer, #6 lock	X-25-9
4	Screw, 6-32 x 3/8"	X-49-2
1	Decal, "stripes"	X-6232-1
1	Nameplate	241541
1	Decal, Nameplate	255084

Kit No.	Poles	Volts	Amps	Circuit Breaker	Side Cover
PA-254877	3	600	70	258381	254726
PA-254878	3	480	80	253225	254726
PA-255066	3	600	40	269252	273551
PA-255067	3	600	60	253224	273551
PA-255068	3	480	80	253225	273551
PA-255069	3	480	100	253226	273551
PA-255962	3	600	30	269250	273551
PA-255964	3	600	50	258928	273551
PA-273569	3	600	40	269252	273551
PA-273570	3	600	60	253224	273551
PA-273571	3	480	80	253225	273551
PA-273572	3	480	100	253226	273551
PA-273576	3	600	50	258928	273551
PA-273582	3	600	30	269250	273551
PA-274482	3	600	40	X-6250-2	274512
PA-274483	3	600	60	X-6250-3	274512
PA-274484	3	480	80	X-6250-4	274512
PA-274485	3	480	100	X-6250-5	274512
PA-274486	3	600	50	X-6250-6	274512
PA-274487	3	600	30	X-6250-1	274512
PA-335011-SD	3	600	40	269252	222974-SD
PA-335012-SD	3	600	60	253224	222974-SD
PA-335013-SD	3	480	80	253225	222974-SD
PA-335014-SD	3	480	100	253226	222974-SD
PA-335026-SD	3	600	30	269250	222974-SD
PA-335054-SD	3	600	40	X-6250-2	222976-SD
PA-335055-SD	3	600	60	X-6250-3	222976-SD
PA-335056-SD	3	480	80	X-6250-4	222976-SD
PA-335057-SD	3	480	100	X-6250-5	222976-SD
PA-335058-SD	3	600	50	X-6250-6	222976-SD
PA-335059-SD	3	600	30	X-6250-1	222976-SD