



A Series® Lighting Control Panel boards



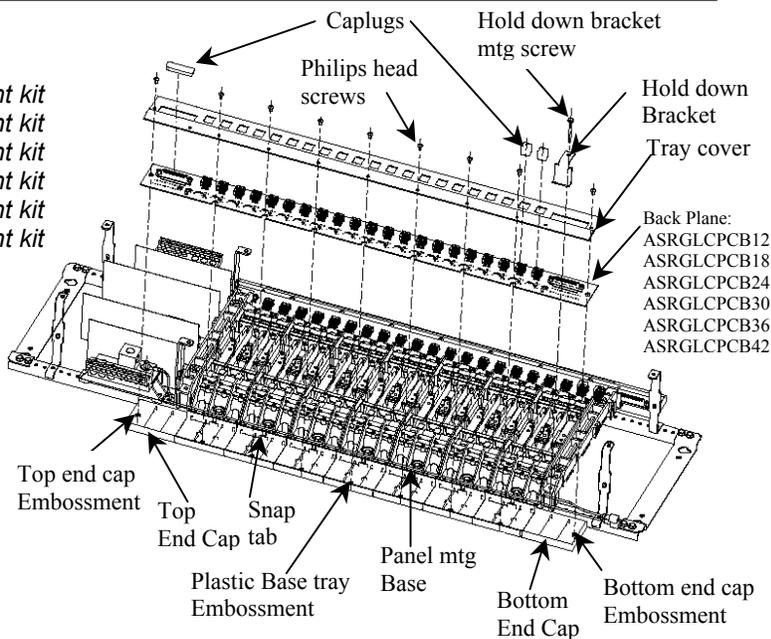
WARNING: Danger of electrical shock or injury. Turn OFF power service to the line side of the panel board or switchboard before working inside the equipment or removing any component. Equipment is to be installed and maintained by properly trained and qualified personnel only.

Replacement of Back plane assembly

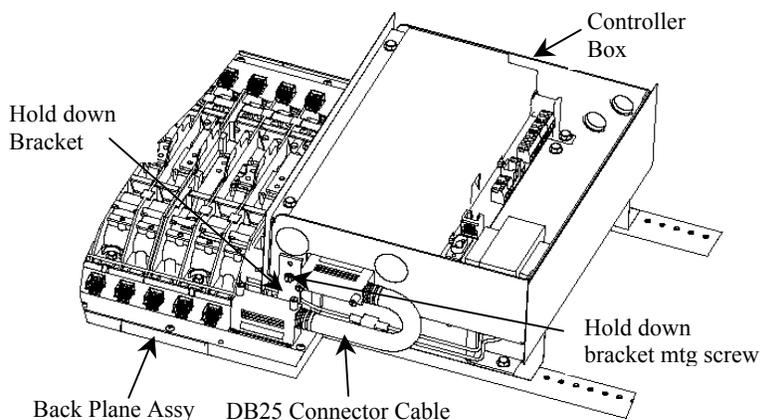
Catalog No.	Qty	Description
ASRGLCPB12	1	12 Ckt Back Plane replacement kit
ASRGLCPB18	1	18 Ckt Back Plane replacement kit
ASRGLCPB24	1	24 Ckt Back Plane replacement kit
ASRGLCPB30	1	30 Ckt Back Plane replacement kit
ASRGLCPB36	1	36 Ckt Back Plane replacement kit
ASRGLCPB42	1	42 Ckt Back Plane replacement kit

Removal of Existing Back Plane Assembly:

1. Ensure that the Installer is properly grounded while working near the controller box area
2. Remove the front cover and dead front of the Panel board / Integrated switch board
3. Remove the center barrier by unscrewing the four mtg screws which covers the line straps of each breaker.
4. Remove all the breakers on the side of back plane that needs to be replaced
 - 4a) Unscrew the breaker line strap mtg screw
 - 4b) Hold the breaker and lift upwards & avoid it rotating
5. Unscrew the connecting cables ends to DB25 connector on the back plane assembly to be replaced.
6. Remove all the caplugs on the back plane assembly to be replaced. Save caplugs for new back plane assembly.
7. Unscrew the hold down bracket mtg screw as per side required on the controller box and then remove the hold down bracket.
8. Unscrew Philips head screws holding the tray cover & save them.
9. Remove the tray cover by lifting it.
10. Remove the back plane assembly.



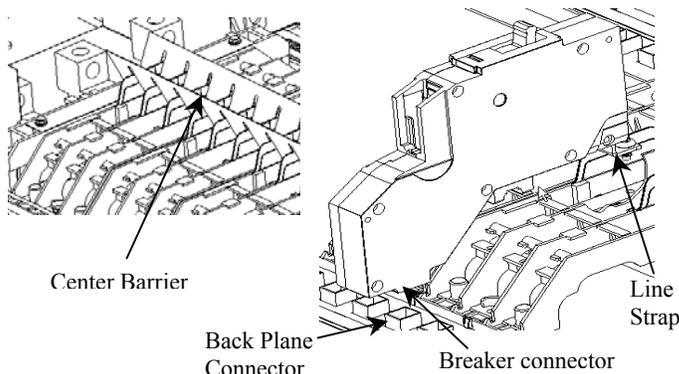
Externally Mounted Controller Assembly



Internally Mounted Controller Assembly

Reinstallation instructions:

1. Locate the back plane assembly into the embossment provided in panel plastic mounting base tray and embossment provided on the top & bottom end caps.
2. Drop down the tray cover so as it snaps on all the plastic tray snap tabs
3. Tighten all the Philips headed screws to torque of 10 lb-inch to the tray cover so as to secure the back plane firmly.
4. Assemble the hold down bracket and fastened it to the controller box with hold down mtg screw & torque to 10 lb-inch
5. Insert the caplug on the DB25 Pin connector of back plane assembly on the other end.
6. Connect the DB25 connector cables by pressing the end of the cables firmly and tighten two knurled screws of cable end to torque of 5-10 lb-inch.
7. Install the breakers on the side on the replaced back plane assembly. Breakers to be mounted straight down
 - 7a) Align breaker line strap screw to bus bar strap mtg hole and breaker connector to back plane connector.
 - 7b) Push the breaker on to the plastic base mtg rail.
 - 7c) Torque the line strap screw to 35 lb-inch.
8. Install the center barrier and tighten mtg the screws to hold it firmly. Press this barrier on each breaker so it covers the Line straps properly.
9. Install the dead front and front cover of the Panel board / Integrated Switch board.



Breaker Installation