

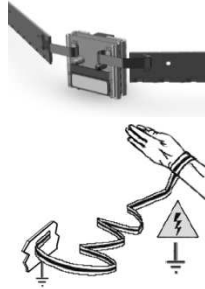
Field Replacement of defective PCB module in MapIT G2 SPPA (Smart Patch Panel – angled version)

If you have any questions, you can contact Technical Support at (860) 945-4385 or E-mail at: technical_support@siemon.com.

Required Tools/Hardware:

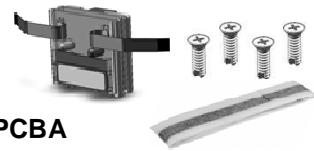
- Phillips screwdriver
- Small flat screwdriver
- PCBA replacement kit

Caution: PCB module and boards are static sensitive, be sure to use grounding wrist strap included before handling.



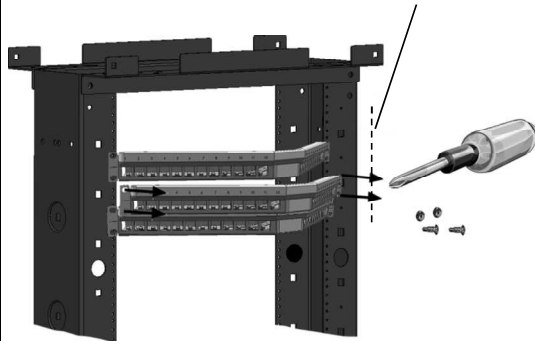
Replacement Kit:

p/n: M-SPPA-NEWPCBA

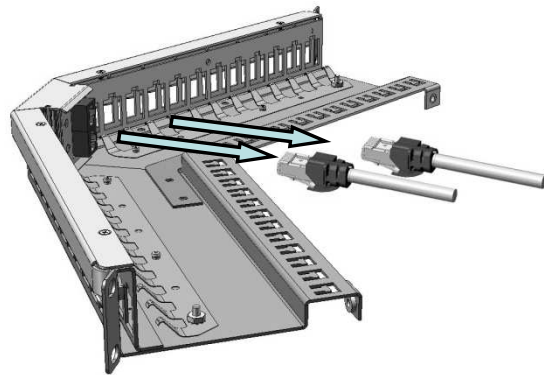


1.) Partially detach from rack and pull out approximately 3-to-4 in. (75–100mm) to access control cables and cover screws.

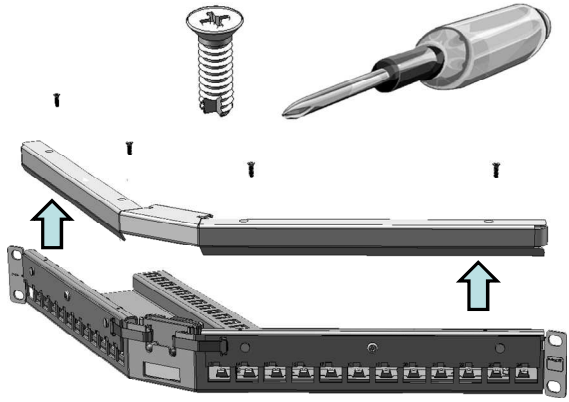
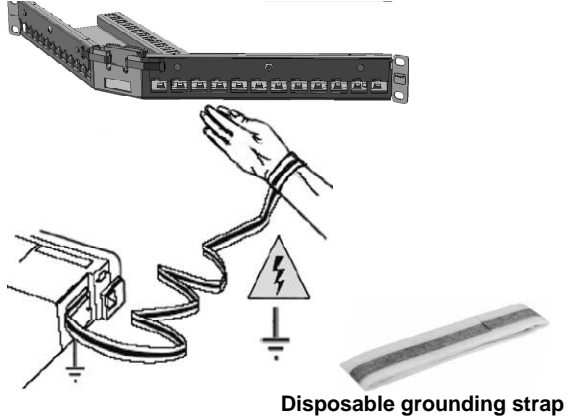
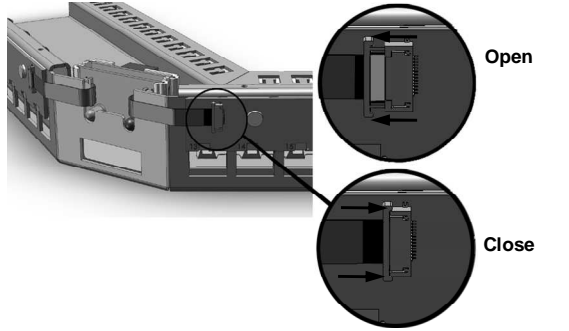
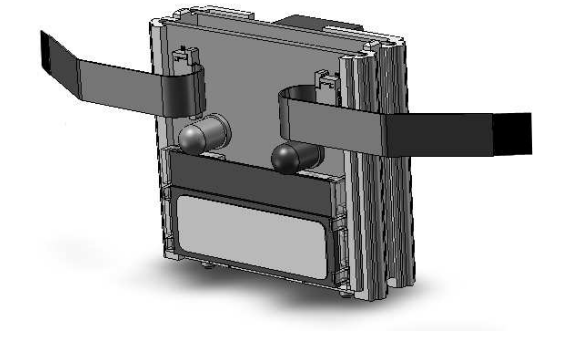
If panel is terminated with cable, partially detach from rack - pull out ~ 3–4 in. (75–100mm) to access cover screws.



2.) Temporarily disconnect both input & output control cords from back of SPPA.



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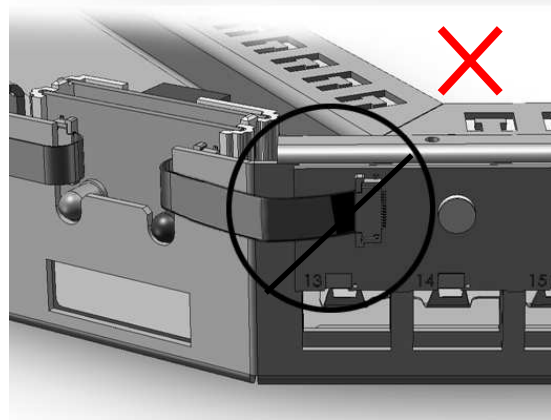
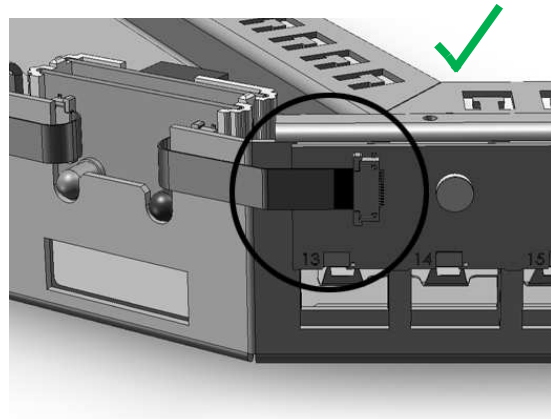
<p>3.) Remove Cover (four machine screws).</p>	
<p>4.) Remove any static charge before handling new PCB (use disposable grounding strap included with kit).</p>	 <p>Disposable grounding strap</p>
<p>5.) Gently open ribbon cable connectors (using fingernail or small flat screwdriver) to unlock ribbon cable connection. <i>(Repeat on both sides being careful not to damage connectors).</i></p>	 <p>Open</p> <p>Close</p>
<p>6.) Pull out both ribbon cables, lift out defective PCB assembly and replace with new PCB assembly.</p>	

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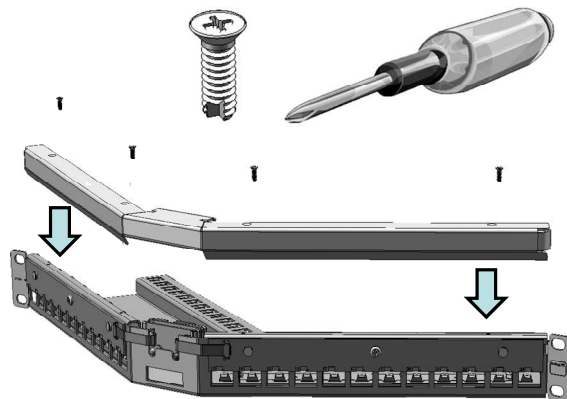
7.) Insert ribbon cables and relock both connectors.

IMPORTANT:

(Note: Be sure ribbon cable is fully and evenly inserted before locking connectors).

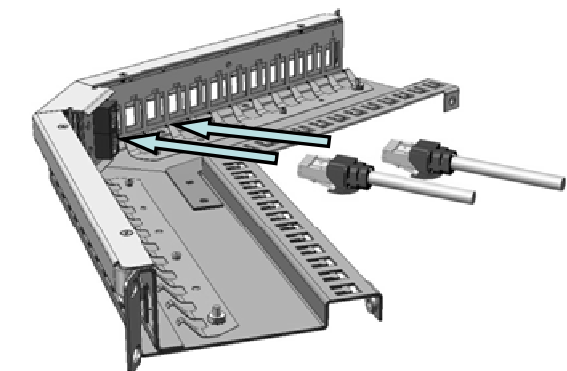


8.) Reinstall cover and secure with four machine screws.



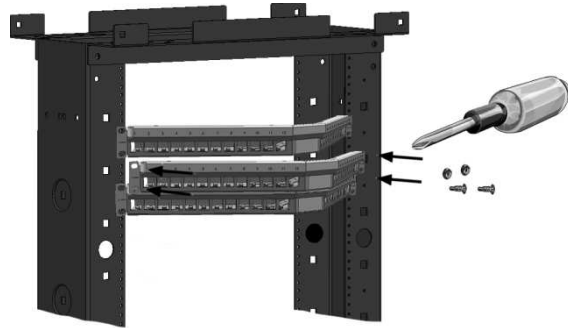
9.) Reinstall control cables.

(Be sure not to reverse input & output cords or the system will not function properly).



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10.) Finally, re-secure panel to frame.



Firmware update:

If connected properly the panel firmware and panel ID's will update automatically however, you will want to clear the unused panel(s) that have been replaced. The 'Clear Unused Panel' command is accessed from the setup menu of the associated MCP (Master Control Panel). If additional instructions on performing this operation are required, please reference the MapIT G2 Training Manual.

END MapIT G2 PCB module replacement