



# Schneider Electric PowerPacT H J Frame and TeSys GV5 Circuit Breakers Installation Guide

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**Schneider Electric PowerPacT H J Frame and TeSys GV5 Circuit Breakers**



## Product Usage Instructions

### Specifications

- **Product Name:** Terminal Cover and Lug Shield Kits
- **Model Number:** 48940-223-02

### Installation

1. Turn off all power supplying this equipment.
2. If a circuit breaker is installed, remove it from the installation.
3. For lug shields (kits S37446, S37447, and S37448) used with control wires, remove tab (A) for control wire leads from the terminal cover.
4. Reinstall the circuit breaker as outlined in the circuit breaker instruction manual shipped with the circuit breaker.
5. For lug shields (kit numbers S37446, S37447, and S37448):
  - Insert wires as instructed per the instruction bulletin provided with the circuit breaker.
  - Remove the protective coating from the lens, if installed.

### Frequently Asked Questions

- **Q:** Who should install, operate, service, and maintain the electrical equipment?
  - **A:** Electrical equipment must be installed, operated, serviced, and maintained only by qualified

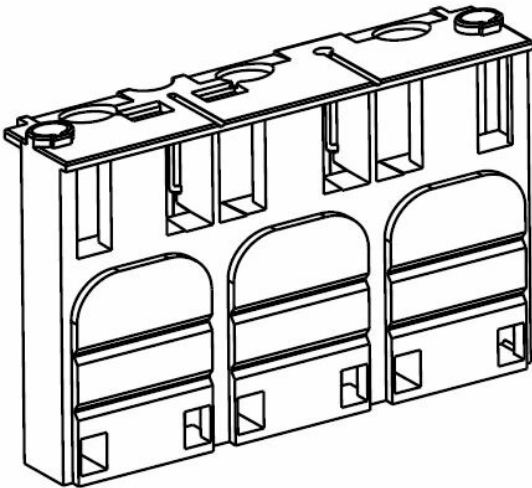
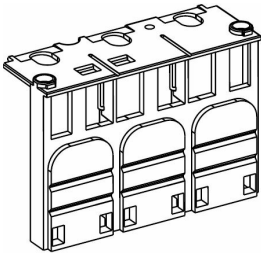

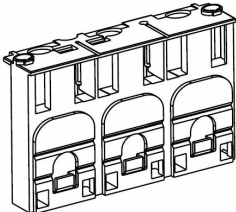
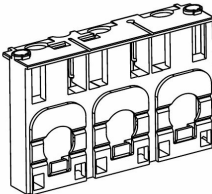
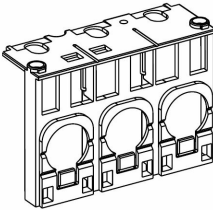

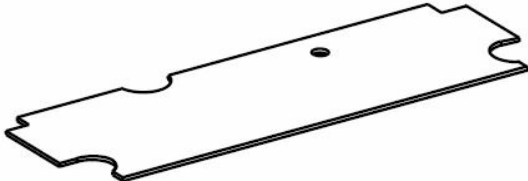
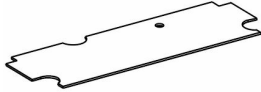
personnel.

- **Q:** Are there any trademarks associated with this product?
- **A:** Yes, Schneider Electric, Square D, PowerPacT, and TeSys are trademarks and the property of Schneider Electric SE, its subsidiaries, and affiliated companies. All other trademarks are the property of their respective owners.
  - **Q:** Where can I contact Schneider Electric for support?
  - **A:** You can contact Schneider Electric at the following locations:
    - Schneider Electric USA, Inc.: 800 Federal Street Andover, MA 01810 USA, 888-778-2733, [www.se.com/us](http://www.se.com/us)
    - Schneider Electric Canada, Inc.: 5985 McLaughlin Road Mississauga, ON L5R 1B8 Canada, 800-565-6699, [www.se.com/ca](http://www.se.com/ca)
    - Schneider Electric Square D: 6: 100102 (010) 8434-6699, [www.se.com/cn](http://www.se.com/cn)

## **Terminal Cover and Lug Shield Kits for PowerPacT™ H/J-Frame and TeSys™ GV5 Circuit Breakers**

Retain for future use.

### **Kit Contents**

Kit	Part	H-frame 60 A	H-frame 150 A GV5 PB150	J-frame GV5PB250	Qty
Terminal Cover Kit S37436 S37440	Terminal Covers				1
	Screws				2
		S37446 	S37447 	S37448 	
Lug Shield Kit S37446 S37447 S37448	Lug Shields				1
	Wire Range	#14–#3 AWG (2.5–27 mm <sup>2</sup> )	#14–3/0 AWG (2.5–95 mm <sup>2</sup> )	#4 AWG–350 kcmil (20–185 mm <sup>2</sup> )	
	Screws				3
	Lense				1

### Tool Required

- Phillips #2 Screwdriver

- Pliers

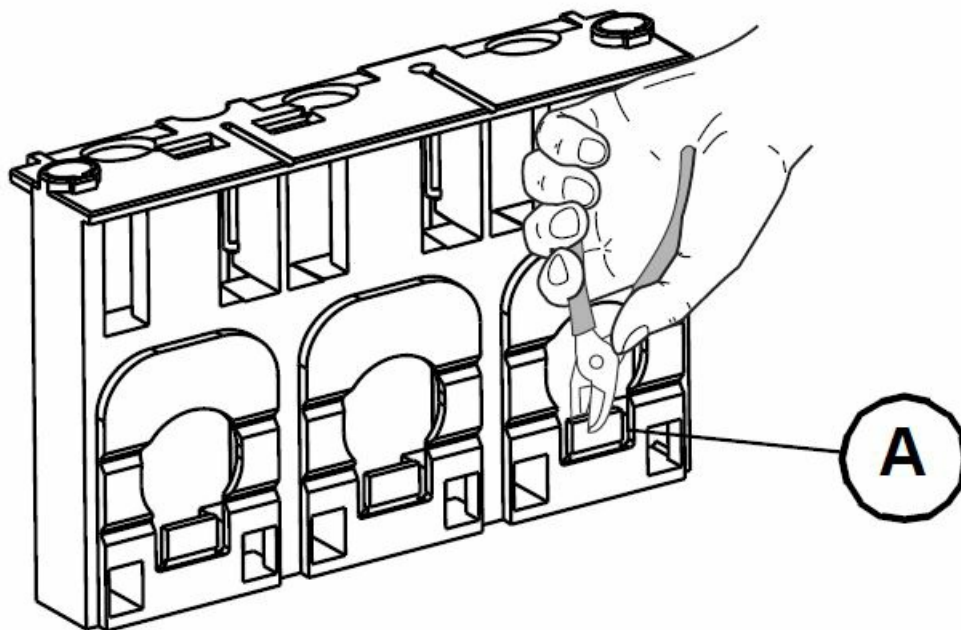
## Installation

### **DANGER:** HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, CSA Z462, NOM 029-STPS or local equivalent.
- This equipment must be installed and serviced only by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before turning on power to this equipment.

Failure to follow these instructions will result in death or serious injury.

1. Turn off all power supplying this equipment.
2. If circuit breaker is installed, remove from installation.
3. For lug shields (kits S37446, S37447, and S37448) used with control wires, remove tab (A) for control wire leads from terminal cover.

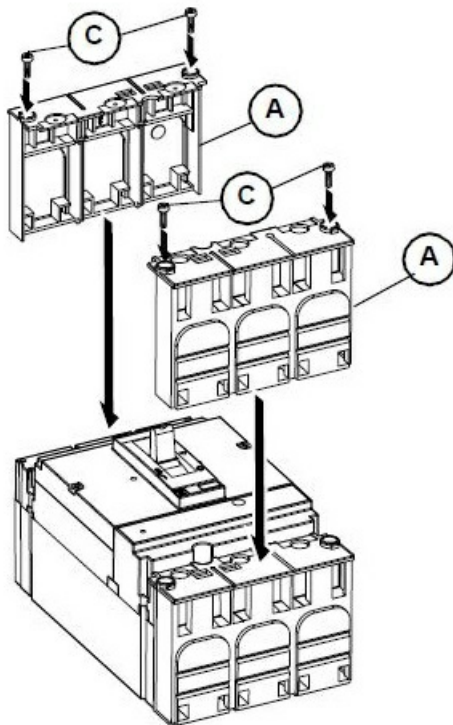


4. Install terminal covers (A) or lug shields (B) onto circuit breaker using screws (C) provided. Torque screws to 10.6 lb-in. (1.2 N•m).
5. Reinstall circuit breaker as outlined in circuit breaker instruction manual shipped with circuit breaker.
6. For lug shields (kit numbers S37446, S37447 and S37448):
  - Insert wires as instructed per instruction bulletin provided with circuit breaker.
  - Remove protective coating from lense, if installed.
  - Install lense (D) over wire binding screw access ports using screw (E) provided. Torque screws to 10.6 lb-in. (1.2 N•m).

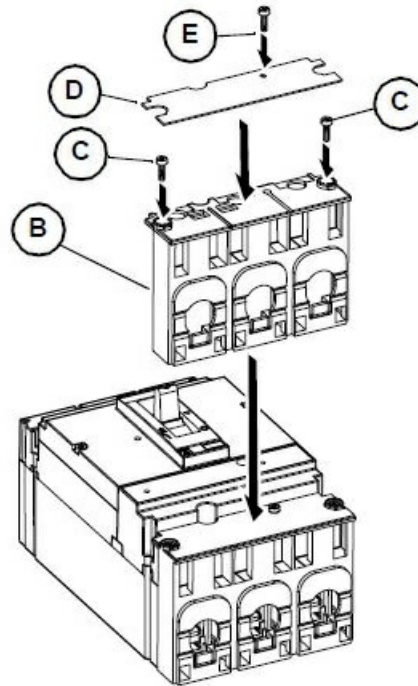
## Terminal Cover and Lug Shield Installation

**Figure Terminal Cover and Lug Shield Installation**

Terminal Cover Installation



Lug Shield Installation



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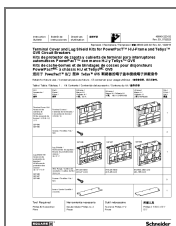
## Contact

### Schneider Electric USA, Inc.

- 800 Federal Street Andover, MA 01810 USA
- 888-778-2733
- [www.se.com/us](http://www.se.com/us)

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## Documents / Resources



[Schneider Electric PowerPacT H J Frame and TeSys GV5 Circuit Breakers](#) [pdf] Installation Guide

PowerPacT H J Frame and TeSys GV5 Circuit Breakers, PowerPacT H, J Frame and TeSys GV 5 Circuit Breakers, GV5 Circuit Breakers, Circuit Breakers, Breakers

## References

- [!\[\]\(6841ca9b0e023296428e7c9e683b9367\_img.jpg\) Schneider Electric Canada | Global Specialist in Energy Management and Automation](#)
- [!\[\]\(e258e347e7683f87061f627f84598eb5\_img.jpg\) se.com/cn](#)
- [!\[\]\(1233990ad3f0b7475c568d7bf16af31f\_img.jpg\) Schneider Electric Mexico | Servicios de Renovación y Retrofit de Schneider Electric](#)
- [!\[\]\(18570b67a4686b081406cd3de636c1c3\_img.jpg\) Schneider Electric USA | Global Specialist in Energy Management and Automation](#)
- [User Manual](#)