



ProTrip™

Complete Trip System Trip Unit Conversion Kits for Allis Chalmers Power Circuit Breakers

ProTrip is the **complete trip system** for upgrading existing circuit breakers. It replaces your electromechanical trip units with the up-to-date technology of a modern electronic trip unit. And who can do this better than GE? **No one has more experience** in building breakers, and nothing offers greater value than ProTrip.

Designed and tested to ANSI C37.59, ProTrip trip units feature true RMS sensing.

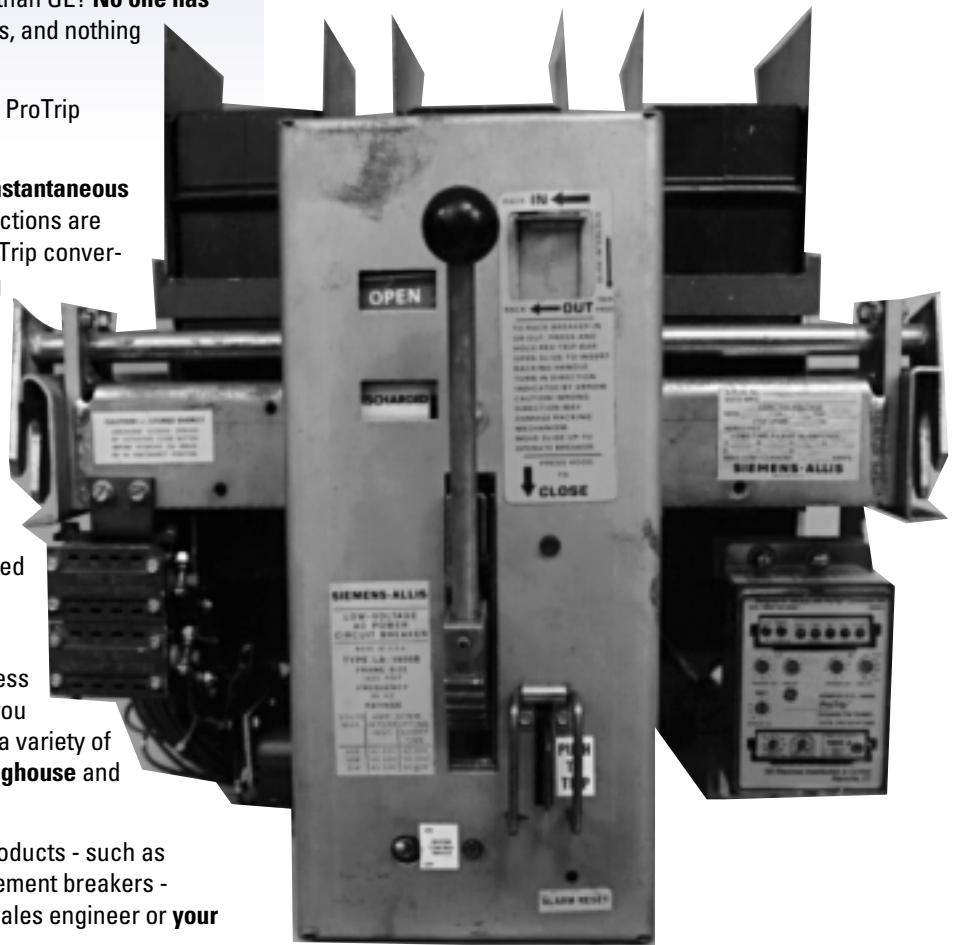
Adjustable **Long Time, Short Time, Instantaneous** and **Defeatable Ground Fault** trip functions are standard on all rating plugs. And ProTrip conversion kits come standard with a rating plug that matches the current sensor. (If a rating plug with a different value is required, please price and order separately.)

A **standard target module** provides quick identification of overload, short circuit and ground fault trips.

Trip unit diagnostics may be performed with the **TVRMS2 trip unit test set**.

ProTrip delivers **improved system protection and performance** for far less than the cost of new breakers. And you can install ProTrip on breakers from a variety of manufacturers, including **GE, Westinghouse** and **I-T-E** as well as Allis Chalmers.

For other valuable GE aftermarket products - such as Power/Vac® VL 5kV and 15kV replacement breakers - contact your GE Industrial Systems sales engineer or **your local FAS™ Team service provider**.



*LA-1600 (gold)
breaker with ProTrip Complete Trip System*

Selection Guide

Conversion Kits

Catalog Number Structure **PSL6B D 3 F 02 08**

Breaker	
LA-600 (blue), LAF-600 (blue)	= PSL6B
LA-600 (gold), LAF-600 (gold)	= PSL6G
LA-800 (gold) LAF-800 (gold)	= PSL80
LA-1600 (blue), LAF-1600 (blue)	= PSL1B
LA-1600 (gold), LAF-1600 (gold)	= PSL1G

Model	
D = Generation	

Wiring	
3 Wire	= 3
4 Wire	= 4

Sensor Type	
F = Fixed CTs	

Sensor Rating ¹	
150A	= 01
225A	= 02
400A	= 04
600A	= 06
800A	= 08
1600A	= 16

Trip Functions	
LSIGX	= 08

Trip Unit Functions	
LSIGX	Long Time, Short Time/Inst. & Switchable Ground Fault (off), not approved for a UL Listed breaker

Sensor Rating Selection		
Frame	Breaker Catalog Numbers	Sensors
600	LA-600 (blue), LAF-600 (blue), LA-600 (gold), LAF-600 (gold)	150A, 225A, 600A
800	LA-800 (gold), LAF-800 (gold)	150A, 400A, 800A
1600	LA-1600 (blue), LAF-1600 (blue), LA-1600 (gold), LAF-1600 (gold)	800A, 1600A

1. Order rating plug separately, see table below

Rating Plugs

Breaker Frame Size (Amps)	Current Sensor (Amps)	Rating Plug (Amps)	Current Range ^① (Amps)	Rating Plug Cat. No.	Breaker Frame Size (Amps)	Current Sensor (Amps)	Rating Plug (Amps)	Current Range ^① (Amps)	Rating Plug Cat. No.		
600	150	80	40-88	PT1C80GFD	800	800	400	200-440	PT8C400GFD		
		100	50-110	PT1C100GFD			450	225-495	PT8C450GFD		
		125	63-138	PT1C125GFD			500	250-550	PT8C500GFD		
		150	75-165	PT1C150GFD ^②			600	300-660	PT8C600GFD		
	225	150	75-165	PT225C150GFD			700	350-770	PT8C700GFD		
		225	113-248	PT225C225GFD ^②			800	400-880	PT8C800GFD ^②		
		300	150-330	PT6C300GFD			800	400	200-440	PT8C400GFD	
		400	200-440	PT6C400GFD				450	225-495	PT8C450GFD	
	450	225-495	PT6C450GFD	500		250-550		PT8C500GFD			
	500	250-550	PT6C500GFD	600		300-660		PT8C600GFD			
	800	600	600	300-660		PT6C600GFD ^②	1600	1600	700	350-770	PT8C700GFD
			800	400-880		PT8C800GFD ^②			800	400-880	PT8C800GFD ^②
800			400-880	PT16C800GFD	1000	500-1100			PT16C1000GFD		
1100			550-1210	PT16C1100GFD	1200	600-1320			PT16C1200GFD		
150		80	40-88	PT1C80GFD	1600	800-1760	PT16C1600GFD ^②				
		100	50-110	PT1C100GFD	400	800	400-880		PT4C800GFD		
		125	63-138	PT1C125GFD		1000	500-1100		PT4C1000GFD		
		150	75-165	PT1C150GFD ^②		1100	550-1210		PT4C1100GFD		
200	100-220	PT4C200GFD	1200	600-1320		PT4C1200GFD					
400	225	113-248	PT4C225GFD	400	200-440	PT4C400GFD ^②					
	250	125-275	PT4C250GFD								
	300	150-330	PT4C300GFD								
	400	200-440	PT4C400GFD ^②								

① Long Time pickup range is 0.5-1.1 times the rating plug value. 1.1 setting allows the breaker to carry 100% of the rating plug current value, not to exceed the continuous current (frame) rating of the breaker.

② Rating plug furnished with conversion kit.

For details on other ProTrip™ conversion kits, ask your GE Industrial Systems sales engineer for these publications:

- DET-228** ProTrip Trip Unit Conversion Kits for GE Power Circuit Breakers
- DET-229** ProTrip Trip Unit Conversion Kits for I-T-E Power Circuit Breakers
- DET-230** ProTrip Trip Unit Conversion Kits for Westinghouse Power Circuit Breakers



GE Industrial Systems

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