

GF Series - 1 Pole+N, 100 mA

277V AC Ground Fault Sensing and Relaying Device (RCCB)

The GF Series of Equipment Ground Fault Protection Relays (Earth Leakage Protection) is the latest addition to Altech's UL Listed product range, providing ground fault (residual current) protection for circuits with loads up to 63A. Short Circuit Withstand rating is 10kA.

Altech Corp.



Ordering Information

Rated Current	Type/Cat. No.	Rated Voltage
25A	GF225100	277V AC
40A	GF240100	277V AC
63A	GF263100	277V AC

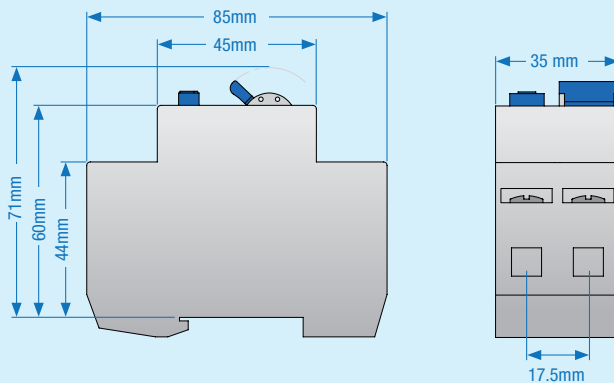
UL 1053
Ground Fault Sensing
and Relaying Device

Technical Specification

Number of Poles	1+N
Voltage Rating (maximum)	277V AC
Ground Fault Sensitivity Level	100mA
Rated Frequency	50/60Hz
Cable Size & Tightening Torque	Stranded Wire: 16 - 3 AWG (1.5 mm ² - 25 mm ²) @ 17.5 lb-in (2.0 Nm) 16 - 10 AWG (1.5 mm ² - 5.5 mm ²) @ 17.5 lb-in (2.0 Nm) 18 - 16 AWG (1 mm ² - 1.5 mm ²) @ 25 lb-in (2.8 Nm)
Electrical Life	6000 Switching Operations
Mechanical Life	10000 Switching Operations

Dimensions

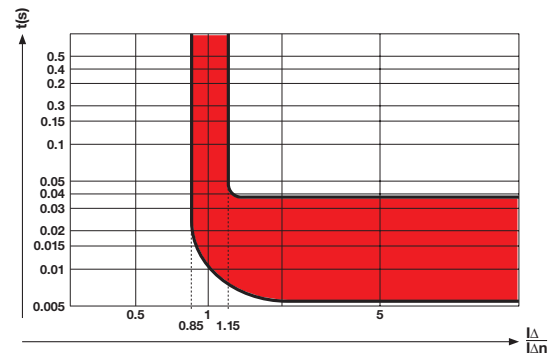
(to convert to inches multiply by 0.03937)



Weight

217 g

GF Series RCCB Ground Fault Trip Curve

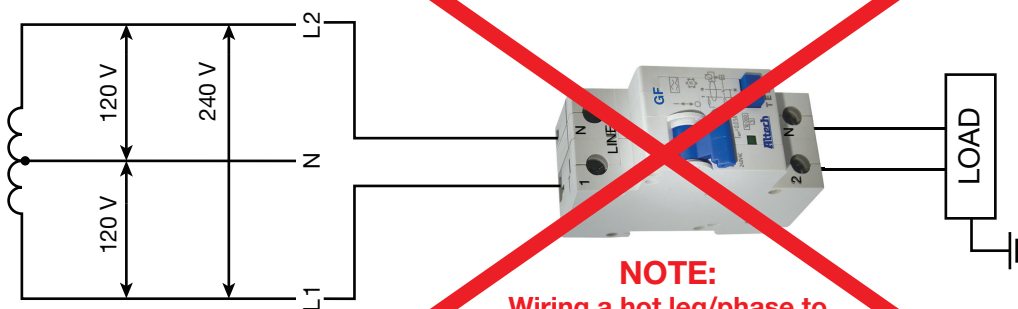
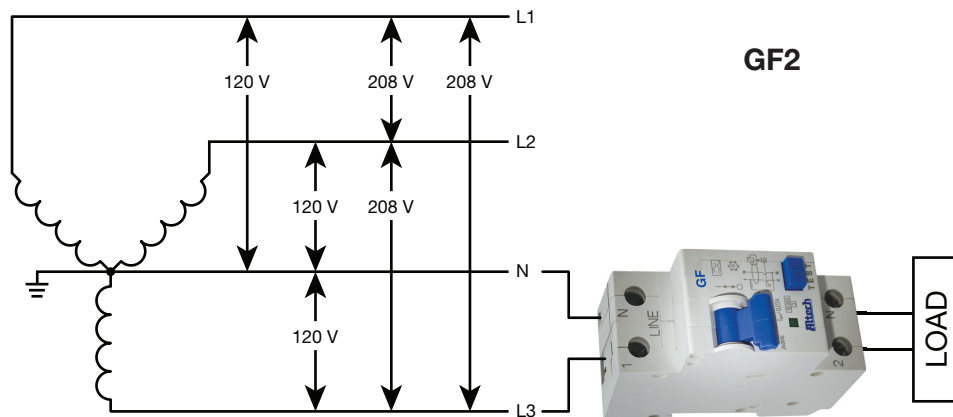
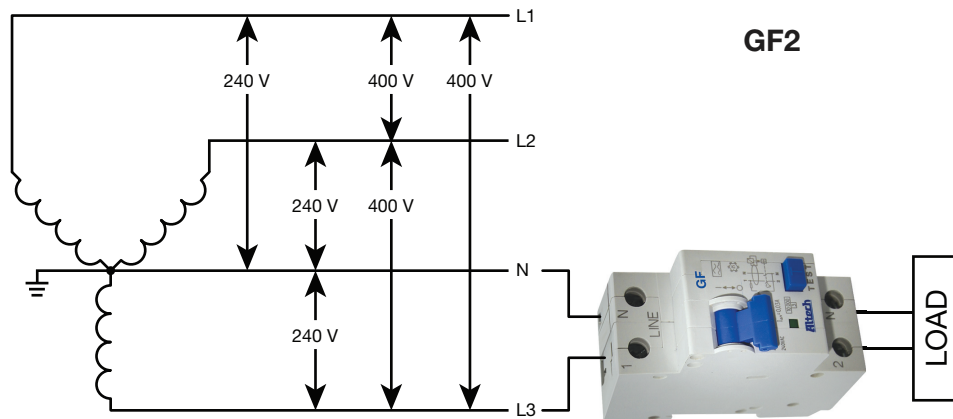
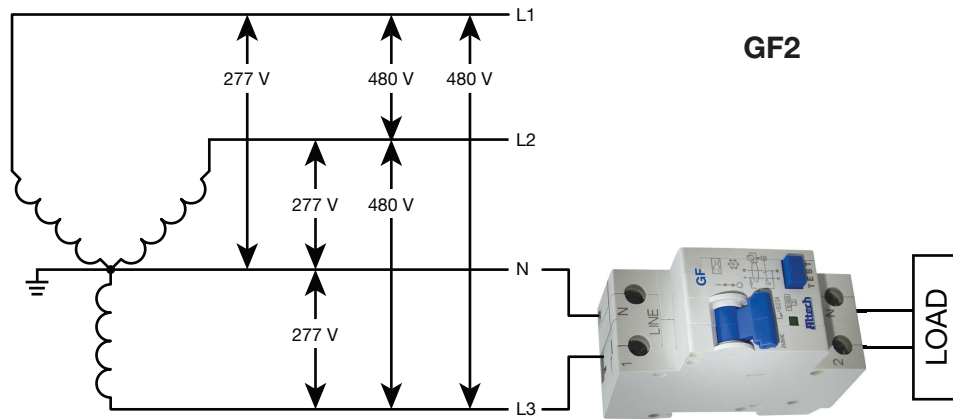


GF Series RCCB Short Circuit Withstand Rating

V	IR	Backup
1+N Pole 277V AC	10kA	Class J Fuse 250A or lower Altech L Series Branch Circuit Breaker Altech R Series Supplementary Protector

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Applicable voltage systems and wiring examples.



NOTE:
Wiring a hot leg/phase to
N terminal is not permitted.

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and Relaying Device

Mouser Electronics

Authorized Distributor

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