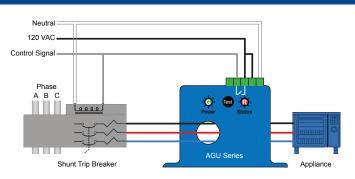
Ground Fault Relay Selection

— For Commercial Electrical Panel Applications

- Combine 5 mA ground fault relay with a shunt trip circuit breaker for GFCI solution
- Meets intent of NEC 210.8 for commercial kitchens & applications requiring 4-6 mA ground fault detection.
- This solution guide is for most common single-phase 120 VAC & 3-phase 240 VAC applications. NK Technologies offers a full line of ground fault relays.
- Contact NK Technologies for other use cases. sales@nktechnologies.com



Recommended Solution for GFCI Applications When "All-in-One" GFCI Breaker is Not Available.

5 mA Ground Fault Relay





Shunt Trip Circuit Breaker

ABB (GE) Eaton (Cutler-Hammer) Siemens Schneider (Square D)

Choose a GF Relay in 4 Easy Steps

	1 GFCI Protection Level		2 Listed UL 508 Preferred?		3 Choose Aperture Diameter Based on Wire Bundle Diameter					4 Pair with Shunt Trip Circuit Breaker	
	Process &		Listed	Recognized		Single	3-Phase				Use 120 or 240 or 480 VAC circuit breaker
	GFCI	Equipment GFPE	UL 508	UL 1053	Aperture	Phase	≤ 50A	60	Α	> 60 A	with 120 VAC rated shunt trip solenoid
AGL Series AGL1-SDT1-120-DEN-005					1.76″				4-wire Wye	YES	AGL & AGU are UL Listed to UL 508 for applications where code requires a "listed device."
AGU Series AGU1-SDT-120-DEN-005-FL	5 mA		C UL) US		0.75″	YES	YES	Delta			Factory calibrated for 5 mA (Class A) trip point.
AG3 Series AG3-SDT1-120-DEN-TR3		10 mA & 30 mA		c '?\ \"us	0.75″	YES	YES	3-wire Delta			AG3 provides field adjustable settings for personnel (5 mA) and process/equipment protection (10 mA & 30 mA)
	NEC requires 4-6 mA for personnel protection		All models UL tested		Monitored wire bundle must pass through relay aperture. AGL offers larger diameter than AGU/ AG3 for 3-phase >60 A					国 <i>原</i> 红国 36克红热。	

For the full line of NK Ground Fault Solutions, go to: https://www.nktechnologies.com/ground-fault-protection



