

WHAT IS IT?

The newest model in the AMR line is the GM-105-XLD, "Extra Long Distance," impedance monitor. With an advanced 125 mA loop current, the XLD allows monitoring of cable lengths of up to 6.5km (4 miles).** The higher current loop provides more tolerance to connections or inline couplers, which can cause an increase in the resistance of the pilot circuit.

In addition to ground check monitoring, the GM-105-XLD includes ground-fault monitoring for resistance-grounded systems. It continuously monitors for phase imbalances to detect hazardous voltages shorted to ground.

Since 1975, AMR has supported the global mining industry as a leader in ground check monitor design with over 40,000 circuits in use worldwide today. AMR also offers pilotless and high voltage monitors for up to 25kV. For more information visit www.amr-sales.com.



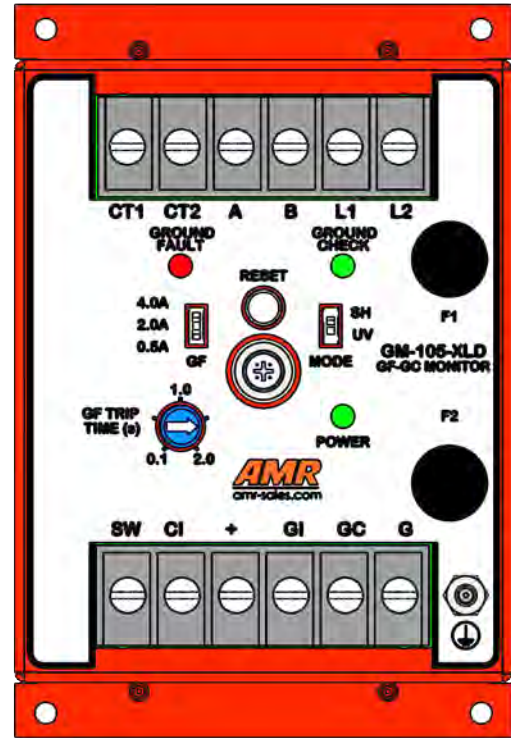
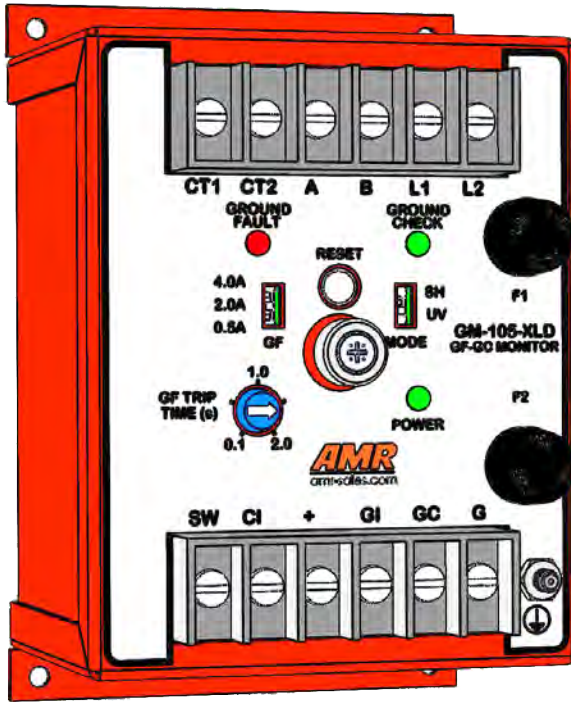
Pluggable Locking Flange Version

FEATURES AND BENEFITS

- XLD – "Extra Long Distance" to monitor cable lengths up to 6.5km (4 miles)**
- 125 mA loop current for higher tolerance to connections and inline couplers, which can allow for increased pilot circuit resistance
- Selectable Under Voltage (UV) or Shunt-Trip modes for different applications
- Multiple trip level settings for a variety of applications (GF Only)
- Adjustable trip times to eliminate nuisance tripping (GF Only)
- Panel-mounted pilot circuit and relay fuses for easy access
- Modular design for easier installation. The base is mounted, then the main assembly slides into the base and is secured with one thumb screw.
- Optional wiring harness is available
- Fail-Safe in the event of cable damage or equipment failures
- Available with either block type terminals, or pluggable with locking flanges for safe and secure connections
- Remote reset capability via front panel connector
- Same form factor as other popular brands for quick installation and worry free compatibility
- Certified and conforms to UL and CSA standards for the U.S. and Canada

** Distance may vary based on cable construction and manufacturer.





Barrier Terminal Block Version

SPECIFICATIONS

Enclosure	Powder Coated Aluminum
Installation	Surface Panel Mount
Voltage Range	480 VAC - 15 kVAC
Control Voltage	120 / 240 VAC
Operating Temp	-20 to 70 C
Dimensions	5.9" H x 4.3" W x 4"D (150 mm x 109 mm x 100 mm)
Harmonic Filtering	Yes
GF Trip Level Settings	0.5 , 2.0 , 4.0 A
GF Trip Time Settings	0.1 to 2.0 second
Reset Mode	Local or Remote
Output	(1) "Fail Safe" Form A Relay Contact
Terminal Block	Pluggable w/ Locking Flanges or Barrier Block style
Warranty	1 Year
Certifications	Conforms to ANSI/UL Standard 1053 Certified to CAN/CSA Standard C22.2 No. 14