



Guideform Specification

Bender MarinaGuard® Suggested Specification

Provide ground-fault monitoring specifically designed for marinas, boat yards, floating buildings, docking facilities and similar location. The ground-fault protection required by NEC 555.35 (A) & (B) (1), 555.53 & 682.15 (B) (2023 edition); NEC 555.32, 555.35 (A) (1) & (3), 555.53, & 682.15 (B) (2020 edition); NEC 555.3 & 682.15 (2017 and earlier editions); and CE Code 78-052.

Provide single-channel and/or up to twelve-channel models (Bender MG-1 & MG-T respectively) with trip outputs for connection to external 120V shunt-trip circuit breakers. Strobe light externally to be mounted onto lockable type 4X-rated enclosure, suitable for outdoor use to indicate a ground fault trip has occurred.

Units shall be UL 1053 listed ground-fault protection of equipment, as required by the NEC, with Bender supplied external current transformers for measurement for each main and/or branch circuit. Self-test (without tripping) and manual test functions shall be provided.

Ground fault relay shall be factory set to 30ma and field adjustable to accommodate field settings as required by the AHJ (Authority Having Jurisdiction). Time-coordinated protection to de-energize the faulted circuit without tripping the remaining system shall be provided for each monitored circuit.

Tamper resistant enclosure, Nema 4X, shall be provided.

