

New CRIG Line Offers Another Quality Choice for Isolated Ground Applications

The new Bryant CRIG receptacles are designed to meet the requirements of today's rugged commercial applications.

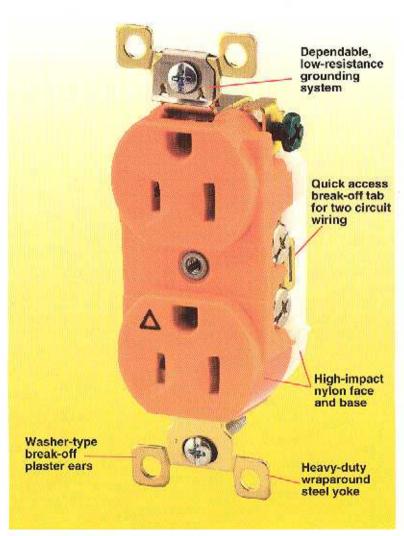
High-impact strength and chemicalresistant nylon construction provide a solid, dependable design for consistent quality performance. A unique snub-hole feature allows convenient anchoring of conductors for uniform side-wiring installation. Triple wipe, one-piece, brass-line contact construction provides high performance and excellent conductivity for low resistance.

Ease of wiring, durable thermoplastic construction and dependable quality make Bryant the only choice for commercial grade, isolated ground receptacles.



BRYANT

Commercial Grade Isolated Ground Receptacles 15 & 20 Amp 125 V AC



Available Colors



ORDERING DATA



COMMERCIAL GRADE ISOLATED GROUND STRAIGHT BLADE RECEPTACLE

SPECIFICATIONS

MATERIALS

Base/Cover - Nylon

Yoke - Steel, Wraparound Zinc Plated

Contacts - Brass, Triplewipe

Terminal Screws — Combination

Phillips/Slotted

Hex Head Grounding Screw — Steel

Combination

Ground Clip — Stainless Steel Insulation Barrier — Mylar

LISTINGS

- UL498
- CSA C22.2 No. 42-M
- Approved for CU Wire only
- NEMA WD-1, WD-6
- MOM

PERFORMANCE

Electrical

- Dielectric voltage withstands 2,000V minimum.
- Current interrupting certified at full rated current.

Mechanical

 Terminals identified by color per UL498 (brass, silver, green)

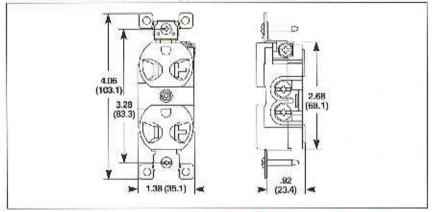
Environmental

- UL94V2 flammability
- Operating temperature maximum continuous 60°C, minimum -40°C (w/o impact)

GROUND FAULT

CATALOG NUMBER		
15 AMP 125V AC NEMA 5-15	20 AMP 125V AC NEMA 5-20	COLOR
CR15-IG	CR20-IG	Orange
CR15-IGRY	CR20-IGRY	Gray
CR15-IGW	CR20-IGW	White
CR15-IGI	CR20-IGI	lvory

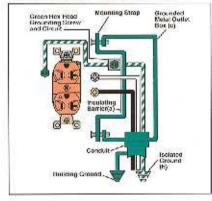
PRODUCT DIMENSIONS - () Indicates mm dimensions

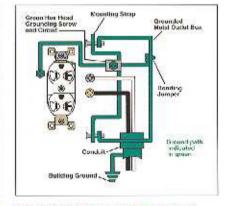


CHARACTERISTICS OF ISOLATED GROUND WIRING DEVICES

Isolated ground devices help limit electrical noise on the equipment grounding circuit by providing two grounding paths for the installation. The device grounding circuit terminal and grounding contacts are isolated from the grounding path of the metal outlet box, device mounting means, and metal cover or wall plate, thus establishing a separate, dedicated equipment grounding path for connecting noisesensitive equipment.

PRINCIPLES OF OPERATION





ISOLATED GROUND RECEPTACLE

Isolated ground receptacles are not grounded to building ground at the receptacle location. Grounding of this device requires that an isolated ground path be established from the receptacle grounding terminal to a suitable equipment grounding point "upstream" from the device. Insulating barrier (a) prevents grounding circuit (b) from making contact with the outlet box (c) which otherwise would ground the receptacle through the building ground.

CONVENTIONAL RECEPTAGLE

Conventional receptacles are grounded to building ground at the receptacle outlet. When mounted in the box, a single grounding path is established through the grounded metal outlet box and the building ground system.

Specifications are subject to change without notice.



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