

Eaton Wiring Devices
OBC AF/GF dual-purpose receptacles

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Arc fault and ground fault
protection in one device



EATON

Powering Business Worldwide

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Eaton's **OBC AF/GF dual-purpose receptacle** provides both Arc Fault and Ground Fault protection in one convenient device. It has the same foot print of a standard GFCI or AFCI device, and uses Eaton's proven AFCI technology to reduce nuisance AFCI tripping. With the 2014 NEC requiring kitchens and laundry areas to have both AFCI and GFCI protection, and other areas expected in further code expansions, the AF/GF receptacle is a great new alternative solution for getting code-compliant.

Features & benefits

- Provides both arc fault protection per UL1699A and ground fault protection per UL943 in one convenient device
- Protects from both series and parallel arcs downstream from the Outlet Branch Circuit (OBC) AF/GF receptacle
- OBC AF/GF receptacles also protect from upstream series arcs
- Trip indicators make it easy to diagnose arc and ground faults
- Device self-tests periodically to ensure proper function of both the ground fault and arc fault protection elements
- Meets and exceeds 10ka short circuit testing and Underwriters Laboratories (UL) UL943 safety standards
- Ground termination with backwire clamp provides secure wiring and reduces installation time
- Automatic grounding system eliminates the need for bonding jumper in grounded metal enclosure; provides redundant measure of ground continuity when jumper is used
- Tapered backwire openings handle multiple wire sizes and types for applications up to #10 AWG solid or standard wire
- When downstream receptacles are wired from load side, a 20A feed-through rating offers full protection
- Lock-out functionality prevents miswired line-load connections and GFCI/AFCI circuitry damage
- Visual indicator light provides quick visual reference of a tripped or "end of life" condition
- Tamper resistant (TR) shutters comply with 2014 NEC Article 406.12
- Terminal screws backed out and ready to wire
- Matching standard size thermoplastic wallplate included

Table 1. AF/GF duplex receptacles

Catalog no.	Description	Rating			Color suffix
		A	V/AC	NEMA	
□ TRAFGF15__	AF/GF duplex receptacle with standard-size wallplate, back & side wire	15	125	5-15R	A, B, BK, GY, LA, V, W
□ TRAFGF20__	AF/GF duplex receptacle with standard-size wallplate, back & side wire	20	125	5-20R	A, B, BK, GY, LA, V, W

Table 2. Color ordering information

For ordering devices, include Cat. no. followed by the color code: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)



Compliances, specifications and availability are subject to change without notice.

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