Product Bulletin

Hospital Grade SmartlockPro® Tamper-Resistant OBC AFCI Receptacle

Helps combat the ignition and resultant fires associated with arc-faults

At a glance:

- Arc Fault Circuit Interrupters (AFCIs) function by de-energizing the circuit upon which an arc-fault is detected
- Device design reduces nuisance tripping
- Meets or exceeds UL requirements for tripping time on both series and parallel arcs



Ordering Information

Description		15A	20A
COLOR	Brown	AFTR1-HG	AFTR2-HG
	Ivory	AFTR1-HGI	AFTR2-HGI
	White	AFTR1-HGW	AFTR2-HGW
	Black	AFTR1-HGE	AFTR2-HGE
	Gray	AFTR1-HGG	AFTR2-HGG
	Lt. Almond	AFTR1-HGT	AFTR2-HGT
	Red	AFTR1-HGR	AFTR2-HGR

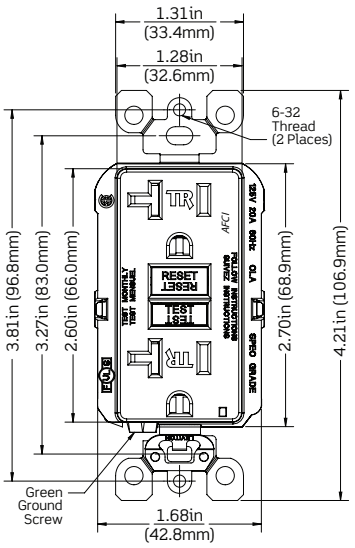
Common Applications

- Healthcare Facilities
- Psychiatric Wards
- Assisted Living Facilities
- Educational Institutions

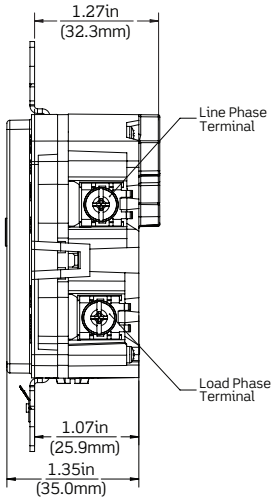
Specifications

Description	AFTR1	AFTR2
AC Horsepower Rating		
At Rated Voltage	1HP	1HP
Electrical Specifications		
Amperage	15A	20A
Voltage	125V	125V
NEMA	5-15R	5-20R
Grounding	Self-Grounding	Self-Grounding
Pole	2	2
Wire	3	3
Dielectric Voltage	Withstands 2000V per UL498	Withstands 2000V per UL498
Temperature Rise	Max 30 °C after 250 cycles OL at 200 percent rated current	Max 30 °C after 250 cycles OL at 200 percent rated current
Environmental Specifications		
Flammability	Rated V-0 per UL94	Rated V-0 per UL94
Operating Temperature	-35 °C to +66 °C	-35 °C to +66 °C
Material Specifications		
Face Material	PBT	PBT
Body Material	Polycarbonate	Polycarbonate
Line Contacts	Brass Double-Wipe .031 Thick	Brass Triple-Wipe
Terminal Clamp	Plated Steel	Plated Steel
Terminal Screws	Plated Steel	Plated Steel
Grounding Screws	Plated Steel	Plated Steel
Strap Material	Zinc-Plated Steel	Zinc-Plated Steel
Ground Clip	Brass	Brass
Mechanical Specifications		
Terminal ID	Brass-Hot, Green-Ground, Silver-Neutral	Brass-Hot, Green-Ground, Silver-Neutral
Terminal Accom.	14-10 AWG solid or stranded	14-10 AWG solid or stranded
Product ID	Ratings are permanently marked on device	Ratings are permanently marked on device
Termination	Back & Side	Back & Side
Standards & Certifications		
NEMA	WD-1 and WD-6	WD-1 and WD-6
ANSI	C-73	C-73
Certification/Listing	UL, CSA, NOM-ANCE	UL, CSA, NOM-ANCE
Applicable Standards	UL 498 and 1699A, CSA C22.2 No. 42 and TIL No. M-02A, FedSpec W-C-596	UL 498 and 1699A, CSA C22.2 No. 42 and TIL No. M-02A, FedSpec W-C-596
Guarantees		
Product Warranty	2-Year Limited	2-Year Limited

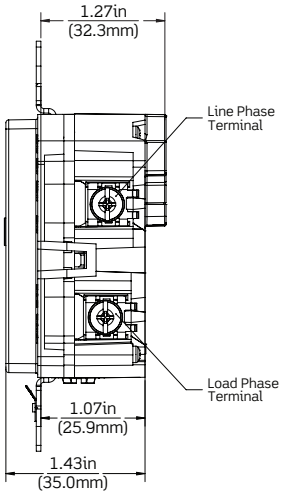
Dimensions



Front View (Common to both AFTR1 & AFTR2)



Side View (AFTR1)



Side View (AFTR2)

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