

# TR Receptacles

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



## Tamper Resistant Receptacles

2-Pole, 3-Wire  
15A 125V/AC  
20A, 125V/AC

### Single & Duplex Receptacles

#### FEATURES

- Provides compliance with 2008 NEC® Article 406.11 that states that all receptacles installed in dwelling units must be tamper resistant.
- Durable impact-resistant thermoplastic face and back body is virtually unbreakable.
- "TR" designation provides visual identification.
- Terminal screws are backed out and ready to wire.
- Extra-long and extra-wide mounting straps.
- Patented built-in wire stripper for #14 and #12 wire (#12 and #10 TR817, TR877, 9508TR, 9507TR, TR6350, TR6350) to speed installation.
- Side-wire terminals accept up to #10 solid or stranded wire.
- Push-in terminals accept #14 solid wire (TR270, TR1107 & 9500TR duplex devices only).



#### Residential Grade, Single & Duplex

Rating: A/V	NEMA	Description	Catalog No.	Available Colors
15 125	5-15R	Duplex Receptacle	<input type="checkbox"/> TR270__	A, B, BK, LA, V, W
		Duplex Receptacle, Auto Grounding	<input type="checkbox"/> TR270-9__	A, B, LA, V, W
		Decorator Duplex Receptacle	<input type="checkbox"/> TR1107__	A, B, GY, LA, V, W
		Decorator Duplex Receptacle, Auto Grounding	<input type="checkbox"/> TR1107-9__	A, BK, LA, V, W
		ASPIRE™ Duplex Receptacle	<input type="checkbox"/> 9505TR__	DS, SG, WS
		ASPIRE™ Single Receptacle	<input type="checkbox"/> 9507TR__	DS, SG, WS
20 125	5-20R	ASPIRE™ Single Receptacle	<input type="checkbox"/> 9508TR__	DS, SG, WS
		ASPIRE™ Duplex Receptacle	<input type="checkbox"/> 9510TR__	DS, SG, WS

#### Commercial Grade, Single & Duplex



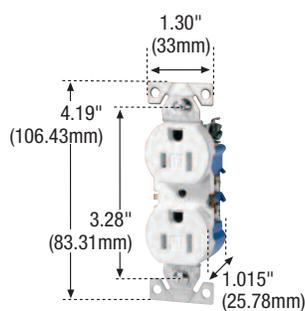
Rating: A/V	NEMA	Description	Catalog No.	Available Colors
15 125	5-15R	Single Receptacle	<input type="checkbox"/> TR817__	A, B, BK, GY, LA, V, W
		Duplex Receptacle*	<input type="checkbox"/> TRBR15__	A, B, BK, GY, LA, V, W
		Decorator Single Receptacle	<input type="checkbox"/> TR6250__	A, B, BK, GY, LA, V, W
		Decorator Duplex Receptacle	<input type="checkbox"/> TR6252__	A, B, BK, GY, LA, V, W
20 125	5-20R	Single Receptacle	<input type="checkbox"/> TR1877__	A, B, BK, LA, V, W
		Duplex Receptacle*	<input type="checkbox"/> TRBR20__	A, B, BK, GY, LA, RD, V, W
		Decorator Single Receptacle	<input type="checkbox"/> TR6350__	A, B, BK, GY, LA, V, W
		Decorator Duplex Receptacle	<input type="checkbox"/> TR6352__	A, B, BK, GY, LA, V, W

#### Specification Grade Duplex

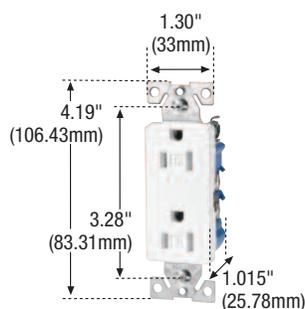


Rating: A/V	NEMA	Description	Catalog No.	Available Colors
15 125	5-15R	Duplex GFCI	<input type="checkbox"/> TRVGF15__	A, B, BK, GY, LA, V, W
		ASPIRE Duplex GFCI	<input type="checkbox"/> 9566TR__	DS, SG, WS
		Hospital Grade Duplex Receptacle*	<input type="checkbox"/> TR8200__	B, GY, RD, V, W
20 125	5-20R	Tamper Resistant Hospital Grade GFCI	<input type="checkbox"/> TRVGFH15__	B, GY, V, LA, RD, W
		Duplex GFCI	<input type="checkbox"/> TRVGF20__	A, B, BK, GY, LA, V, W
		ASPIRE Duplex GFCI	<input type="checkbox"/> 9569TR__	DS, SG, WS
		Hospital Grade Duplex Receptacle*	<input type="checkbox"/> TR8300__	B, GY, RD, V, W
		Tamper Resistant Hospital Grade GFCI	<input type="checkbox"/> TRVGFH20__	B, GY, V, LA, RD, W

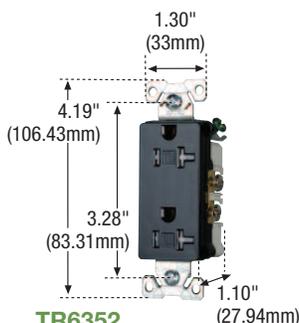
For ordering, include Cat. No. followed by the color code: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)



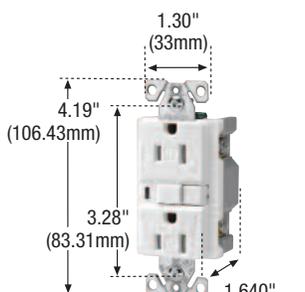
TR270



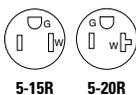
TR1107



TR6352



TRVGF15



5-15R 5-20R

#### TESTING & CODE COMPLIANCE

- cULus Listed to UL498, file nos. E60120 (TRVGF, 9566, 9569), E15058 (all others), except TR8200 & TR8300: Listed to UL498, file no. E140596.
- UL Certified to CSA C22.2, no. 42.
- TRVGF meets all UL943 and UL498 requirements.
- TRBR, TR8200/TR8300 UL verified to Fed. Spec. WC-596G.
- NOM/ANSI Certified.

#### MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL94 requirements; TR817, TR1877, TR6250, TR6252, TR6350, TR6352, 9566TR, 9569TR, TRBR, TRVGF, 9507TR, 9508TR, 9510TR V2 rated; TR270, TR1107, 9505TR V0 rated.
- Temperature Rating: TR270, TR1107, 9510TR: -20°C to 60°C (-4°F to 140°F); TR817, TR1877, TR6250, TR6252, TR6350, TR6352, TRBR, 9505TR, 9507TR, 9508TR; -20°C to 70°C (-4°F to 158°F); TRVGF, 9566TR, 9569TR: -35°C to 66°C (-31°F to 150.8°F); TR8200, TR8300 -40°C to 60°C (-40°F to 140°F).

# TR Receptacles Specification & Performance Data

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## Tamper Resistant Receptacles

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15A 125V/AC  
20A, 125V/AC

### Application

Tamper Resistant Receptacles contain a UL listed safety shutter system that prevents the insertion of foreign objects into receptacles. The safety shutters will open only upon insertion of a 2-prong or 3-prong plug. Installing these receptacles ensures compliance with 2008 NEC® Article 406.11. Areas of application include: new residential construction; remodel/retrofit residential construction; apartment buildings; condominiums and townhouses; hotels, motels, inns and suites with kitchenettes; retirement communities, nursing homes and assisted living facilities. (Note: 2008 NEC Article 406.11 applies to new construction only).

Receptacle Type	Residential Grade Duplex & Single TR270, TR1107, 9500TR Series	Commercial Grade Duplex & Single TR817, TR1877, TRBR TR6200, TR6300 Series	Specification Grade Duplex GFCI TRVGF, 9560TR Series	Hospital Grade Duplex TR8200, TR8300 Series
<b>Wiring Type</b>	Back & Side Wire 9509TR, 9510TR (except 9507 push & side wire)	Back & Side Wire (except TR817/TR1877 side wire only)	Back & Side Wire	Back & Side Wire
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058.</li> <li>UL Certified to CSA C22.2, no. 42.</li> <li>NOM/ANSI Certified.</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058.</li> <li>UL Certified to CSA C22.2, no. 42.</li> <li>NOM/ANSI Certified.</li> <li>TRBR UL verified to Fed. Spec. WC-596G.</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E60120.</li> <li>UL Certified to CSA C22.2, no. 42.</li> <li>Meets all UL943 (GFCI) and UL498 (Receptacles) requirements.</li> <li>NOM/ANSI Certified.</li> </ul>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E140596.</li> <li>UL verified to Fed. Spec. WC-596.</li> <li>UL Certified to CSA C22.2, no. 42, file no. LR16063.</li> </ul>
<b>Specifications: Environmental</b>	Flammability meets UL 94 requirements; TR1107, TR270, 9505TR V0 rated; 9507TR, 9508TR, 9510TR V2 rated. Temperature Rating: TR1107, TR270, 9505TR -20°C to 60°C (-4°F to 140°F); 9507TR, 9508TR, 9510TR -20°C to 70°C (-4°F to 158°F)	Flammability meets UL 94 requirements; V2 rated. Temperature Rating: -20°C to 70°C (-4°F to 158°F)	Flammability meets UL 94 requirements; V2 rated. Temperature Rating: -35°C to 66°C (-31°F to 150.8°F)	Flammability meets UL 94 requirements; V2 rated. Temperature Rating: -40°C to 60°C (-40°F to 140°F)
<b>Electrical</b>	Dielectric Voltage: withstands 2000V per UL498 Current interrupting: yes, at full-rated current Temperature Rise: max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC).	Dielectric Voltage: withstands 2000V per UL498 Current interrupting: yes, at full-rated current Temperature Rise: Standard - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC). Fed. Spec. - max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC).	Dielectric Voltage: withstands 2000V per UL498 Current interrupting: yes, at full-rated current Temperature Rise: max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC).	Dielectric Voltage: withstands 2000V per UL498 Current interrupting: yes, at full-rated current Temperature Rise: max. 30°C (86°F) after 50 cycles of overload at 250% of rated current (DC).
<b>Mechanical</b>	Terminal Accommodation: #14 - #10 AWG Voltage ratings permanently marked on device.	Terminal Accommodation: #14 - #10 AWG Voltage ratings permanently marked on device.	Terminal Accommodation: #14 - #10 AWG Voltage ratings permanently marked on device.	Terminal Accommodation: #14 - #10 AWG Voltage ratings permanently marked on device.
<b>Materials: Body Top &amp; Bottom</b>	TR1107, TR270, 9505TR - PVC 9507TR, 9508TR - Nylon 9510TR - PVC Top, Nylon Bottom	Thermoplastic, Nylon	Thermoplastic, Nylon	Thermoplastic, Nylon
<b>Strap</b>	Galvanized Steel TR1107, TR270, 9505TR Nickel Plated Steel 9507TR, 9508TR, 9510TR	Galvanized Steel	Galvanized Steel	Brass
<b>Contacts</b>	Brass Alloy	Brass Alloy	Brass Alloy	Nickel-Plated Brass
<b>Terminal Screws</b>	Brass/Nickel-Plated Steel	Brass/Nickel-Plated Steel	Brass/Nickel-Plated Steel	Brass/Nickel-Plated Steel
<b>Terminal Clamps</b>	Brass Plated 9507TR, 9508TR; Steel 9510TR	Steel (TR817/TR1877 N/A)	Steel Brass Plated	Nickel-Plated Brass