

Eaton's  
Tamper & weather resistant receptacles

# Tamper & weather resistant receptacles



**EATON**

*Powering Business Worldwide*



# Code compliant receptacles ensure safety and protection

Table of contents	Page
TR, WR and TWR features and benefits	2-3
TR receptacles	4
TR GFCI receptacles & TR GFCI with switch receptacle	5
WR receptacles & WR GFCI receptacles	6
TR & WR receptacles & GFCI receptacles	7
TR specification & performance data	8
TR, WR, TWR GFCI specification & performance data	9
TR GFCI & audible GFCI specification & performance data	10
WR & TWR receptacles specification & performance data	11

**Tamper resistant receptacles** feature a UL Listed safety shutter system that prevents the insertion of foreign objects into a receptacle. The safety shutters will only open upon simultaneous insertion of 2 plug blades.

**Weather resistant receptacles** are designed with nylon and corrosion resistant metal components; when installed in an approved weather protective cover, weather resistant receptacles offer extra durable protection from rain, snow, ice, moisture and humidity.

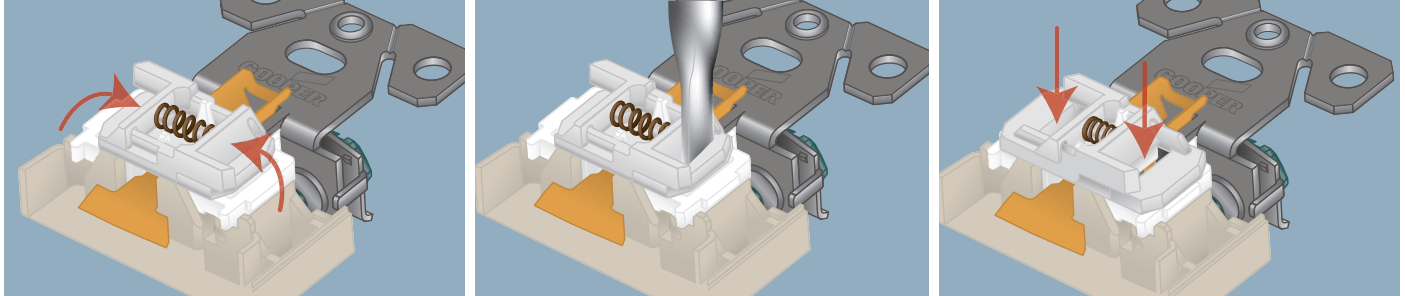
**Tamper & weather resistant receptacles** ensure safety and weather resistance in wet, damp outdoor locations. The receptacle combines the UL Listed safety shutter system with nylon and corrosion resistant metal. When installed appropriately in a weatherproof while-in-use box, these devices are ideal for residential and commercial living areas as well as recreational facilities.



# Tamper resistant, weather resistant and tamper & weather resistant receptacles

Tamper resistant (TR) receptacles feature a built-in UL listed safety shutter system that prevents the insertion of foreign objects into the receptacle openings. The safety shutters will only open when a two-bladed plug presses simultaneously against the two shutters. Weather resistant (WR) receptacles feature corrosion resistant hardware and UV resistant materials designed to withstand the elements.

How the tamper resistant system works:



Shutters restrict access in closed position.

Insertion of object in any one side will not open shutters.

Insertion of two-bladed plug or grounding plug will open shutters.

## Tamper resistant receptacle marks, identifiers and standards



"TR" mold mark or "TR" etched on device strap provides quick visual confirmation of tamper resistance when installed.



"WR" identifier quickly indicates during inspections that a weather resistant receptacle has been installed.



Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

### 2020 NEC – 517.18 (C) Pediatric locations

Receptacles located within the rooms, bathrooms, playrooms, activity rooms and patient care areas of pediatric wards shall be listed under tamper resistant or employ a listed tamper resistant cover.

### 2020 NEC – 406.12 (B) TR for guest rooms and suites

All nonlocking type, 125V, 15- and 20-amp receptacles located in guest rooms and suites shall be listed tamper resistant receptacles.

### 2020 NEC – 406.9 (A)(B) Receptacles in damp or wet locations

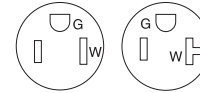
All 15- and 20-amp, 125- and 250-volt non-locking receptacles installed in wet or damp locations shall be weather resistant receptacles.

# Tamper resistant receptacles

## Single and duplex receptacles

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC



5-15R 5-20R

### Design features

- Tamper resistant shutters provide compliance with 2017 and 2020 NEC® which requires that all 15A and 20A, 125V and 250V, non-locking type receptacles installed in dwelling units must be tamper resistant
- Longer, wider strap provides 40% more contact area to wall board, virtually eliminating floating installations
- Exclusive built-in wire looper for pre-looping
- Black tamper resistant shutters nearly disappear from view, creating a seamless, contemporary look
- Push-in terminals accept #14 AWG solid wire for quick installation
- High impact-resistant thermoplastic face and back body eliminates breakage
- Double-wipe ground contacts ensure long-term ground retention
- Easy access split circuit break-off tab
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Terminal screws backed out and ready for wiring
- Side wire terminals accept up to #10 AWG solid wire



TR270



TR1107



TR6352

### Residential grade tamper resistant receptacles



Rating		NEMA	Description	Color suffix	Catalog no.	
A	V/AC					
15	125	5-15R	Tamper resistant duplex receptacle, side & push wire	B, BK, LA, V, W	<input type="checkbox"/> TR270__	
			Auto ground tamper resistant duplex receptacle, side & push wire	B, LA, V, W	<input type="checkbox"/> TR270-9__	•
			Tamper resistant single receptacle, with clock hanger, side wire	W	<input type="checkbox"/> TR775__	•
			Tamper resistant decorator duplex receptacle, side & push wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TR1107__	
			Auto grounding tamper resistant decorator duplex receptacle, side & push wire	B, BK, LA, V, W	<input type="checkbox"/> TR1107-9__	•
20	125	5-20R	Tamper resistant duplex receptacle, side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TR370__	
			Tamper resistant decorator duplex receptacle, side wire	B, BK, GY, LA, RB, SG,V, W	<input type="checkbox"/> TR1307__	

cULus Listed to UL498, file no. E15058; NOM certified

### Commercial grade tamper resistant receptacles



Rating		NEMA	Description	Color suffix	Catalog no.
A	V/AC				
15	125	5-15R	Single receptacle, side wire	B, BK, LA, V, W	<input type="checkbox"/> TR817__*
			Duplex receptacle, side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TRCR15__
			Duplex receptacle, back & side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TRBR15__
20	125	5-20R	Single receptacle, side wire	B, BK, LA, V, W	<input type="checkbox"/> TR1877__*
			Duplex receptacle, side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TRCR20__
			Duplex receptacle, back & side wire	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> TRBR20__

\* Not Fed Spec

### Heavy-duty tamper resistant receptacles



Rating		NEMA	Description	Color suffix	Catalog no.	
A	V/AC					
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TR5262__*	
			Decorator single receptacle, back & side wire	B, BK, V, W	<input type="checkbox"/> TR6250__*	
20	125	5-20R	Decorator duplex receptacle, back & side wire	LA, V, W	<input type="checkbox"/> TR6252__	•
			Duplex receptacle, back & side wire	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> TR5362__	•
			Decorator single receptacle, side wire	LA, V, W	<input type="checkbox"/> TR6350__*	
			Decorator duplex receptacle, back & side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TR6352__	

\* Not Fed Spec

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

<b>B</b>	<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>RD</b>	<b>V</b>	<b>W</b>
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

ArrowLink option available. Add "M" suffix to standard catalog number (example TR5262WM).  
For ordering information on ArrowLink SPD connectors, see ArrowHart Buyers Guide

Indicates USMCA compliant Tamper resistant

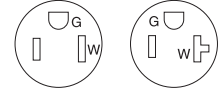
**Specification information:** Page 8 **Compliances, specifications and availability are subject to change without notice.**

# Tamper resistant receptacles

## Self-test GFCI receptacles

### Product description


2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC



5-15R

5-20R

### Design features

- Tamper resistant receptacles provide compliance with NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant 
- "TR" designation on face or "tamper resistant" spelled out on device shoulder give quick visual confirmation of tamper resistance
- High impact-resistant thermoplastic face and back body eliminates breakage
- Longer, wider "bridge" strap provides 40% more contact area with wallboard, virtually eliminating floating installations
- Horizontal TEST/RESET button alignment provides larger unobstructed area; buttons color matched for superior aesthetics
- Black tamper resistant shutters nearly disappear from view, creating a seamless, contemporary look
- Double-wipe ground contacts ensure long-term ground retention
- Side wire terminals accept up to #10 AWG solid wire
- GFCIs automatically self-tests periodically to ensure GFCI protection



TRSGF15




TRSGFA15W



TRSGFS15

### Tamper resistant self-test GFCI receptacles



Rating		NEMA	Description	Color suffix	Catalog no.	
A	V/AC					
15	125	5-15R	Duplex GFCI, back & side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TRSGF15__	•
			Duplex GFCI with audible alarm, back & side wire	B, BK, GY, LA, V, W	<input type="checkbox"/> TRSGFA15__	
			Duplex GFCI with nightlight, back & side wire,	BK, LA, V, W	<input type="checkbox"/> TRSGFNL15__	
20	125	5-20R	Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> TRSGF20__	•
			Duplex GFCI with audible alarm, back & side wire	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> TRSGFA20__	
			Duplex GFCI with nightlight, back & side wire,	BK, LA, V, W	<input type="checkbox"/> TRSGFNL20__	

### Tamper resistant spec grade GFCI with switch



Rating		NEMA	Description	Color suffix	Catalog no.
A	V/AC				
15	125	5-15R	Duplex GFCI with feed-through single pole switch (rated 1800W @ 120V/AC, 60Hz) with mid-size wallplate	LA, V, W	<input type="checkbox"/> TRSGFS15__-M

Includes standard size unbreakable wallplate unless otherwise noted.

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

<b>B</b>	<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>RD</b>	<b>V</b>	<b>W</b>
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

 ArrowLink option available. Add "M" suffix to standard catalog number (example TR5262WM).  
For ordering information on ArrowLink SPD connectors, see ArrowHart Buyers Guide

 Indicates USMCA compliant  Tamper resistant

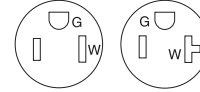
**Specification information:** Page 9 **Compliances, specifications and availability are subject to change without notice.**

# Weather resistant receptacles

## Duplex receptacles

### Product description


2-pole, 3-wire grounding  
15A, 125V/AC  
20A, 125V/AC



5-15R

5-20R

### Design features

- Provide compliance with NEC® Article 406.9 which states that all 15A and 20A, 125/250 V/AC receptacles installed in wet or damp locations be weather resistant 
- High impact-resistant thermoplastic face and back body eliminates breakage
- Convenient built-in wire stripper for #14 and #12 AWG wire to speed installation
- Exclusive built-in wire looper for pre-looping
- Double-wipe ground contacts ensure long-term ground retention
- Side wire terminals accept up to #10 AWG solid wire



WRBR15



WRSGF15

### Commercial grade weather resistant receptacles



Rating							
A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	B, V, W	<input type="checkbox"/> WRBR15__		
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, V, W	<input type="checkbox"/> WRBR20__		

### Weather resistant self-test GFCI receptacles



Rating							
A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, V, W	<input type="checkbox"/> WRSGF15__		
20	125	5-20R	Duplex GFCI, back & side wire	B, BK, GY, V, W	<input type="checkbox"/> WRSGF20__		

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), V (Ivory), W (White)



 Indicates USMCA compliant  Tamper resistant  Weather resistant  Tamper & weather resistant

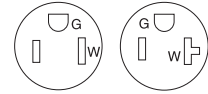
**Specification information:** Page 10 **Compliances, specifications and availability are subject to change without notice.**

# Tamper & weather resistant receptacles

## Duplex receptacles

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC  
20A, 125V/AC



5-15R

5-20R



TWR270



TWRSGF20

### Design features

- Tamper and weather resistant receptacles provide both tamper resistant safety and ensure weather resistance in wet and damp outdoor locations
- High impact-resistant thermoplastic face and back body eliminates breakage
- Convenient built-in wire stripper for #14 and #12 AWG wire to speed installation
- Push-in terminals accept #14 AWG solid wire for quick installation
- Exclusive built-in wire looper for pre-looping
- Double-wipe ground contacts ensure long-term ground retention
- Side wire terminals accept up to #10 AWG solid wire
- Black tamper resistant shutters nearly disappear from view, creating a seamless, contemporary look



### Residential grade tamper & weather resistant receptacles



Rating							
A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, side & push wire	GY, LA, V, W	□ TWR270__		

cULus Listed to UL498, file no. E15058; NOM certified

### Commercial grade tamper & weather resistant receptacles



Rating							
A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, V, W	□ TWRBR15__		
20	125	5-20R	Duplex receptacle, back & side wire	B, V, W	□ TWRBR20__		

### Tamper & weather resistant self-test GFCI receptacles



Rating							
A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, LA, V, W	□ TWRSGF15__		
20	125	5-20R	Duplex GFCI, back & side wire	B, GY, LA, V, W	□ TWRSGF20__		

Includes standard size unbreakable wallplate unless otherwise noted  
Consult factory customer service representative for additional packaging options

### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), LA (Light Almond), V (Ivory), W (White)

B	GY	LA	V	W
(Brown)	(Gray)	(Lt. Almond)	(Ivory)	(White)

➡ ArrowLink option available. Add "MOD" suffix to standard catalog number (example TWRSGF15W, TWRSGF15WMOD).  
For ordering information on ArrowLink SPD connectors, see ArrowHart Buyers Guide

🇺🇸 Indicates USMCA compliant    TR Tamper resistant    WR Weather resistant    TWR Tamper & weather resistant




**Specification information:** Page 11 **Compliances, specifications and availability are subject to change without notice.**

# Tamper resistant receptacles specification & performance data

## Tamper resistant receptacles

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC  
NEMA 5-15, 5-20

Device type	Residential grade tamper resistant duplex & single receptacles TR270, TR1107 series 	Commercial grade tamper resistant duplex: TRBR series, TRCR series 	Commercial grade tamper resistant single receptacles: TR1877, TR817 series 
<b>Wiring type</b>	Side & push wire	Back & side wire (TRBR) Side wire (TRCR)	Side wire only
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058</li> <li>cUL Certified to CSA C22.2, no. 42</li> <li>NOM/ANSI certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058</li> <li>UL verified to Fed Spec WC-596G (TRBR)</li> <li>NOM Listed</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058</li> <li>NOM/ANSI certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; TR1107, TR270 <b>Temperature rating:</b> TR1107, TR270: -20°C to 60°C (-4°F to 140°F)	<b>Flammability:</b> Meets UL94 requirements; V0 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)	<b>Flammability:</b> Meets UL94 requirements; V0 rated <b>Temperature rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device
<b>Materials</b>	<b>Top housing:</b> PVC <b>Bottom housing:</b> PVC <b>Strap:</b> 0.040" thick galvanized steel <b>Line contacts:</b> Brass alloy <b>Terminal &amp; ground screws:</b> Brass/nickel plated steel <b>Terminal clamps:</b> Brass-plated steel <b>Tamper resistant shutters:</b> Reliable Delrin® shutter assembly	<b>Top housing:</b> PVC <b>Bottom housing:</b> PVC <b>Strap:</b> 0.040" thick galvanized steel <b>Auto ground clip:</b> Phosphor bronze <b>Line contacts:</b> 0.031" thick brass <b>Ground contact:</b> 0.031" thick, secured to strap via staking <b>Terminal screws:</b> Terminal: #8-32 steel, brass plated, neutral screw nickel plated <b>Ground screw:</b> Ground: #8-32 steel, green <b>Tamper resistant shutters:</b> Reliable Delrin® shutter assembly	<b>Top housing:</b> PVC <b>Bottom housing:</b> PVC <b>Strap:</b> 0.040" thick galvanized steel <b>Auto ground clip:</b> Brass <b>Line contacts:</b> 0.03" thick triple wipe brass <b>Ground contact:</b> Riveted <b>Terminal screws:</b> Terminal: #8-32 steel, brass plated, neutral screw nickel plated <b>Ground screw:</b> Ground: #8-32 steel, green <b>Tamper resistant shutters:</b> Reliable Delrin® shutter assembly

Delrin® is a registered trademark of E. I. du Pont de Nemours

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# Tamper resistant receptacles specification & performance data

## Specification grade ground fault circuit interrupters


### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC  
NEMA 5-15, 5-20

Device type	Specification grade tamper resistant & weather resistant duplex GFCI 15A & 20A: TRSGF, TRSGF__F, WRSGF, TWRSGF series	  
<b>Wiring type</b>	Back & side wire	
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498 and UL943, file no. E60120</li> <li>Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements</li> <li>NOM certified</li> </ul>	
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)	
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) <b>Trip time:</b> 0.025 seconds (Class A) <b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through <b>Short circuit testing:</b> Meets and exceeds 10 kA <b>Maximum interrupting capacity:</b> 20 Amps	
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device	
<b>Materials</b>	<b>Top housing:</b> Polycarbonate (Spec grade tamper resistant, weather resistant, and tamper/weather resistant); Nylon (blank face (dead front), hospital grade) <b>Bottom housing:</b> PVC <b>Strap:</b> 0.040" thick steel, zinc plated; WR & TWR: nickel plated <b>Line contacts:</b> 0.030" thick brass <b>Terminal &amp; ground screws:</b> Terminal: brass/nickel plated steel; WR & TWR brass/nickel plated stainless steel; Ground: ground screw green on all models, WR and TWR stainless steel <b>Terminal clamps:</b> Brass-plated steel; WR & TWR nickel plated steel	

### Product description

2-pole, 3-wire grounding  
Combo: 15A, 125V/AC receptacle: 15A, 120V/AC switch  
NEMA 5-15

Device type	Specification grade combination GFCI Receptacle & switch, 15A: TRSGFS15, ___-M	
<b>Wiring type</b>	Back & side wire	
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498 and UL943, file no. E60120</li> <li>Meets all UL943 (GFCI), UL498 (receptacles), UL20 (switch) and applicable CSA requirements</li> <li>NOM certified</li> </ul>	
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -35°C to 66°C (-40°F to 150.8°F)	
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) <b>Short circuit testing:</b> Meets and exceeds 10 kA	
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device <b>Horsepower ratings:</b> Switch rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, max. amps: 12 full-load amps	
<b>Materials</b>	<b>Top housing:</b> Polycarbonate <b>Bottom housing:</b> PVC <b>Strap:</b> 0.040" thick steel, zinc plated <b>Line contacts:</b> 0.030" thick brass <b>Terminal &amp; ground screws:</b> #8-32 steel, brass plated; neutral screw nickel plated, ground screw green <b>Terminal clamps:</b> 0.070" thick steel	


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# Tamper resistant receptacles specification & performance data

## Specification grade ground fault circuit interrupters

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC  
NEMA 5-15, 5-20

Device type	Specification grade GFCI w/ nightlight, TRSGFNL_ 
<b>Wiring type</b>	Back & side wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498 and UL943, file no. E60120</li> <li>Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Voltage: withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) <b>Trip time:</b> 0.025 seconds (Class A) <b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through <b>Short circuit testing:</b> Meets and exceeds 10 kA <b>Maximum interrupting capacity:</b> 20 Amps
<b>Mechanical specifications</b>	<b>Base device terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device
<b>Materials</b>	<b>Top housing:</b> Polycarbonate <b>Lens:</b> Thermoplastic, PC <b>Bottom housing:</b> Polycarbonate <b>Strap:</b> 0.047" thick steel, zinc plated <b>Line contacts:</b> 0.030" thick brass <b>Terminal &amp; ground screws:</b> #8-32 steel, brass plated; neutral screw #8-32 steel, zinc plated, ground screw green <b>Illumination:</b> 4 LED's, 140 Max lumens output, 1Fc @ 0.9 ft. 50,000 hours lamp life

Device type	Specification grade GFCI w/ audible alarm: TRSGFA_  	Specification grade deadfront GFCI w/ audible alarm: SGFDA_ 
<b>Wiring type</b>	Back & side wire	Back & side wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL 498 and UL 943, file no. E60120</li> <li>Meets all UL 943 (GFCI), UL 498 (receptacles) and applicable CSA requirements</li> <li>NOM certified</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL 498 and UL 943, file no. E60120</li> <li>Meets all UL 943 (GFCI), UL 498 (receptacles) and applicable CSA requirements</li> <li>NOM certified</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL 498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) <b>Trip time:</b> 0.025 seconds (Class A) <b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed-through <b>Short circuit testing:</b> Meets and exceeds 10 kA <b>Maximum interrupting capacity:</b> 20 Amps	<b>Dielectric voltage:</b> Withstands 2000V per UL 498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) <b>Trip time:</b> 0.025 seconds (Class A) <b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed-through <b>Short circuit testing:</b> Meets and exceeds 10 kA <b>Maximum interrupting capacity:</b> 20 Amps
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - 10 AWG <b>Voltage ratings:</b> Permanently marked on device	<b>Terminal accommodation:</b> #14 - 10 AWG <b>Voltage ratings:</b> Permanently marked on device
<b>Materials</b>	<b>Top housing:</b> Thermoplastic, nylon 6/6 <b>Bottom housing:</b> Thermoplastic, PVC <b>Strap:</b> 0.040" thick steel, zinc-plated <b>Line contacts:</b> 0.030" thick brass <b>Terminal &amp; ground screws:</b> #8-32 steel, brass-plated; neutral screw nickel-plated, ground screw green <b>Terminal clamps:</b> 0.070" thick steel	<b>Top housing:</b> Thermoplastic, nylon 6/6 <b>Bottom housing:</b> Thermoplastic, PVC <b>Strap:</b> 0.040" thick steel, zinc-plated; WR & TWR: nickel-plated <b>Line contacts:</b> 0.030" thick brass <b>Terminal &amp; ground screws:</b> WR & TWR brass/nickel-plated stainless steel; Ground: ground screw green on all models, WR and TWR stainless steel <b>Terminal clamps:</b> Brass-plated steel; WR & TWR nickel-plated steel
<b>Minimum sound level intensity</b>	70 dB at 10 cm at rated voltage	70 dB at 10 cm at rated voltage


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

# Weather resistant, tamper & weather resistant receptacles specification & performance data



## Weather resistant receptacles

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC  
NEMA 5-15, 5-20

Device type	Commercial grade weather resistant duplex receptacles: WRBR series 
<b>Wiring type</b>	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 verified to Fed Spec WC-596G</li> <li>NOM/ANSI certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device
<b>Materials</b>	<b>Top housing:</b> Nylon <b>Bottom housing:</b> PVC <b>Strap:</b> 0.050" thick steel, nickel plated <b>Auto ground clip:</b> Phosphor bronze <b>Line contacts:</b> 0.03" thick triple wipe brass <b>Ground contact:</b> Riveted <b>Terminal screws:</b> Terminal: #8-32 stainless steel, brass plated, neutral screw nickel plated <b>Ground screw:</b> Ground: #8-32 stainless steel, green <b>Tamper resistant shutters:</b> N/A

## Tamper & weather resistant receptacles

Device type	Residential grade tamper & weather resistant duplex receptacles TWR270 series 	Commercial grade tamper & weather resistant duplex receptacles TWRBR series 
<b>Wiring type</b>	Push & side wire	Back & side wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>cULus Listed to UL498</li> <li>UL Certified to CSA C22.2, no. 42</li> <li>NOM/ANSI certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>	<ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15058</li> <li>UL verified to Fed Spec WC-596</li> <li>NOM/ANSI certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V0 rated <b>Temperature rating:</b> -20°C to 60°C (-4°F to 140°F)	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	<b>Dielectric voltage:</b> Withstands 2000V per UL498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device	<b>Terminal accommodation:</b> #14 - #10 AWG <b>Voltage ratings:</b> Permanently marked on device
<b>Materials</b>	<b>Top housing:</b> Thermoplastic, PVC <b>Bottom housing:</b> Thermoplastic, PVC <b>Strap:</b> Nickel plated steel <b>Line contacts:</b> Brass alloy <b>Terminal &amp; ground screws:</b> Brass/nickel plated stainless steel <b>Terminal clamps:</b> N/A	<b>Top housing:</b> Nylon <b>Bottom housing:</b> PVC <b>Strap:</b> 0.050" thick steel, nickel plated <b>Auto ground clip:</b> Phosphor bronze <b>Line contacts:</b> 0.03" thick triple wipe brass <b>Ground contact:</b> Riveted <b>Terminal screws:</b> Terminal: #8-32 stainless steel, brass plated, neutral screw nickel plated <b>Ground screw:</b> Ground: #8-32 stainless steel, green <b>Tamper resistant shutters:</b> Reliable Delrin® shutter assembly

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