

# Residential grade TR duplex receptacles

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

## Description

2-Pole, 3-Wire Grounding  
 15A, 125V  
 20A, 125V



TR270



TR370

## Design features

- Tamper Resistant receptacles provide compliance with 2017 NEC® Article 406.12 that states that all 15A & 20A, 125V receptacles installed in dwelling units must be tamper resistant
- Excellent plug blade retention provided by 0.031" (0.79mm) brass line contacts
- 0.040" (1.02mm) galvanized steel, wrap-around yoke mounting strap for superior assembly security (TR370 only)
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used. (TR270-9 & TR370 only)
- Screw-catch features on duplex devices speeds mounting of wallplates.
- Longer, wider strap provides 40% more contact area to wall board, virtually eliminating floating installations
- Patented built-in wire stripper for #14 and #12 AWG wire to speed installation
- Push-in terminals accept #14 AWG solid wire for quick installation
- Patented built-in wire looper for pre-looping
- 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

**Table 1. Tamper resistant straight blade receptacles**

Catalog No.	Description	Amps	Volts	NEMA	Color Suffix
□ TR270__	NEMA 5-15 tamper resistant duplex receptacles, side and push wire	15	125	5-15	A, B, BK, LA, V, W
□ TR270-9__	NEMA 5-15 tamper resistant duplex receptacles, side and push wire, auto grounding	15	125	5-15	A, B, LA, V, W
□ TR370__	NEMA 5-20 tamper resistant duplex receptacles, side wire, auto grounding	20	125	5-20	A, B, BK, GY, LA, V, W

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



Powering Business Worldwide

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## Applications

Tamper Resistant Duplex Receptacles provide compliance with 2017 NEC Article 406.12 that states that all receptacles installed in dwelling units must be tamper resistant. "TR" designation provides visual identification. Durable impact-resistant thermoplastic and back body is virtually unbreakable. Terminal screws are backed out and ready to wire. Extra-long and extra-wide mounting straps with patented built-in wire stripper for #14 and #12 wire to speed installation. Side-wire terminals accept up to #10 solid or stranded wire and push-in terminals accepts #14 solid wire.

**Table 2. Specifications**

Catalog No.	TR270, TR370 Series
<b>Device Type</b>	<b>Tamper Resistant Straight Blade Duplex Receptacles</b>
<b>Wiring Type</b>	Side and push wire (TR270), Side wire (TR370)
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>• cULus Listed to UL498, file no. E15058</li> <li>• NOM certified</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 60°C (-4°F to 140°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>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> Permanently marked on device

**Table 3. Materials**

Catalog No.	TR270, TR370 Series
<b>Top Housing</b>	Thermoplastic, PVC
<b>Bottom Housing</b>	Thermoplastic, PVC
<b>Strap</b>	0.040" thick galvanized steel
<b>Auto Ground Clips</b>	Phosphor bronze wire (TR270-9 only)
<b>Line Contacts</b>	0.031" thick brass
<b>Ground Contact</b>	0.031" thick, secured to strap via staking
<b>Terminal &amp; Ground Screws</b>	#8-32 steel, brass plated; neutral screw nickel plated, ground screw green
<b>Tamper Resistant Shutters</b>	Reliable Delrin® shutter assembly

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





**Table 4. 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)


A	B	BK	GY	LA	V	W
Almond	Brown	Black	Gray	Lt. Almond	Ivory	White

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## Certifications & Compliances

Catalog No.				
TR270	•	•	•	•
TR270-9	•	•	•	•
TR370	•	•	•	•

**KEY:**  cULus  NAFTA  NOM  RoHS

 Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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