



Tamper & Weather Resistant Receptacles

Proven safety solutions for compliance with 2011 National Electrical Code® requirements

COOPER Wiring Devices



2011 NEC® Receptacle Requirements

Code compliant protection from electrical injury

The 2011 National Electrical Code has been updated to ensure proper receptacle safety in Dwelling Units, Guest Suites, and Child Care facilities.

2011 NEC® Requirements for Receptacles

406.12 Tamper Resistant Receptacles in Dwelling Units

All non-locking type 15A and 20A, 125V receptacles in a dwelling unit (210.52) must be Listed as Tamper Resistant, excluding the following locations:

- Receptacles located more than 5 ½ ft above the floor
- Receptacles that are part of a luminaire or appliance
- Receptacles located within dedicated space for an appliance that in normal use isn't easily moved
- Non-grounding receptacles used for replacements as permitted in 406.4(D)(2)(a)

406.13 Tamper Resistant Receptacles in Guest Rooms and Guest Suites

All non-locking type 15A and 20A, 125V receptacles in guest rooms and guest suites must be Listed as Tamper Resistant.

406.14 Tamper Resistant Receptacles in Child Care Facilities

All non-locking type 15A and 20A, 125V receptacles in child care facilities (406.2) must be Listed as Tamper Resistant.

406.9 Weather Resistant Receptacles

All 125 and 250 volt, 15 and 20 ampere non-locking receptacles shall be Listed as weather resistant type in damp and wet locations.

- Weather protective covers alone do not guarantee protection against potential exposure; in damp and wet locations weather resistant receptacles in weather protective covers must be used.
- Outdoor weather resistant receptacles must provide resistance to temperature extremes, excessive ultraviolet light and the effects of aging.
- UL Listed devices must have a "WR" marking clearly visible when installed.

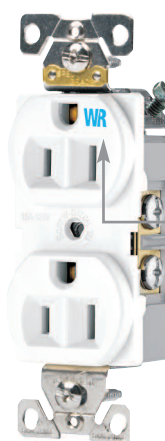


Each year, more than 2,400 children are injured by inserting foreign objects into receptacles.

According to a 10-year study of National Electronic Injury Surveillance System (NEISS) data.



"TR" mold mark provides quick visual confirmation of tamper resistance when installed.



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

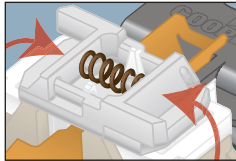


Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

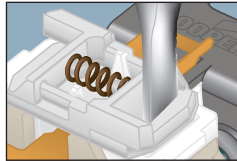


Tamper Resistant Receptacles

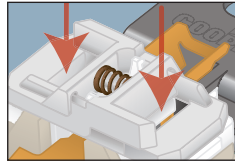
Tamper Resistant receptacles feature a built-in UL Listed safety shutter system that prevents the insertion of foreign objects into the receptacle openings. The safety shutters will only open when a two-bladed plug presses simultaneously against the two shutters.



TR Receptacle Internal Components: Receptacle openings are restricted by internal shutters (show above).



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



Successful Insertion: Insertion of two-bladed plug at the same time will open shutters.



Weather Resistant Receptacles

Weather Resistant receptacles offer protection from rain, snow, ice, moisture, & humidity when properly installed in an approved weather protective or while-in-use cover. The design of the Weather Resistant receptacles is distinctive because of the durable nylon housing and corrosion resistant metal components. Combine WR receptacles with any of our WeatherBox™ While-in-Use Protective Covers for tough protection against the elements in any residential or commercial outdoor application.



Weather Resistant Receptacles with corrosion resistant metal components



WeatherBox Cast Aluminum While-In-Use Protective Cover, Single-Gang



WeatherBox Polycarbonate While-In-Use Protective Cover, Single or 2-Gang



Tamper & Weather Resistant Receptacles

Tamper and Weather Resistant Receptacles provide both tamper resistant safety and ensure weather resistance in wet and damp outdoor locations.

Areas that demand the use of Tamper & Weather Resistant Receptacles include:



Homes & Apartments



Assisted Living Facilities & Retirement Communities



Public Facilities & Recreational Areas



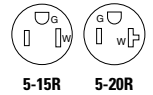
TR Receptacles

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 2011 NEC® Articles 406.12 – 406.14 for Tamper Resistant Receptacles.
- “TR” designation provides visual identification.
- Side-wire terminals accept up to #10 solid or stranded wire.
- Push-in terminals accept #14 solid wire (TR270, TR1107, TR780, & 9500TR duplex devices only).
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used (TRCR only).
- Durable impact-resistant thermoplastic face and back body is virtually unbreakable.

Residential Grade, Single and Duplex



A	V/AC	NEMA	Description	Catalog No.	Available Colors	
15A	125V	5-15R	Duplex Receptacle	□ TR270__	A, B, BK, LA, V, W	•
			Duplex Receptacle, Auto Grounding	□ TR270-9__	A, B, BK, LA, V, W	•
			Decorator Duplex Receptacle	□ TR1107__	A, B, BK, GY, LA, V, W	•
			Decorator Duplex Receptacle, Auto Grounding	□ TR1107-9__	A, B, BK, GY, LA, V, W	•

Commercial Grade, Single & Duplex



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Single Receptacle, Side Wire	□ TR817__	A, B, BK, GY, LA, V, W
			Duplex Receptacle, Side Wire	□ TRCR15__	A, B, BK, GY, LA, V, W
			* Duplex Receptacle, Back & Side Wire	□ TRBR15__	A, B, BK, GY, LA, V, W
			Decorator Single Receptacle, Back & Side Wire	□ TR6250__	A, B, BK, GY, LA, V, W
			* Decorator Duplex Receptacle, Back & Side Wire	□ TR6252__	A, B, BK, GY, LA, V, W
20A	125V	5-20R	Single Receptacle, Side Wire	□ TR1877__	A, B, BK, LA, V, W
			Duplex Receptacle, Side Wire	□ TRCR20__	A, B, BK, GY, LA, V, W
			* Duplex Receptacle, Back & Side Wire	□ TRBR20__	A, B, BK, GY, LA, RD, V, W
			Decorator Single Receptacle, Back & Side Wire	□ TR6350__	A, B, BK, GY, LA, V, W
			* Decorator Duplex Receptacle, Back Side Wire	□ TR6352__	A, B, BK, GY, LA, V, W

Commercial Floor Box



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Single Floor Box Assembly	□ TR5797	Black, Brass Assembly

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)

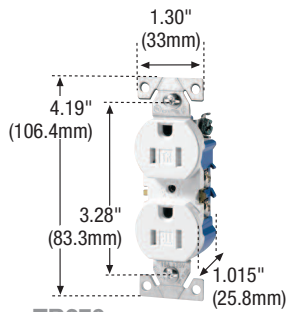
NAFTA Compliant

TESTING & CODE COMPLIANCE

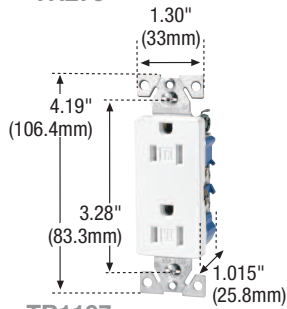
- cULus Listed to UL498, UL943 file nos. E60120 (TRVGF, 9566, 9569), E15058 UL948 (all others),
- cUL Certified to CSA C22.2, no. 42.
- TRBR, UL verified to Fed. Spec. WC-596G.
- NOM/ANSI Certified.
- TR5797, cULus File E92122, UL498 & UL514C
- cUL to CSA C22.2 No. 18, CSA C22.2 No 42

MATERIAL CHARACTERISTICS

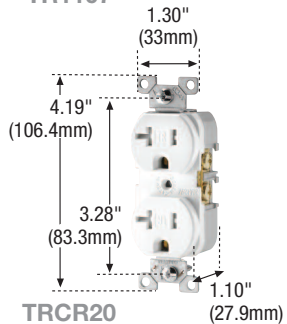
- Environmental: Flammability meets UL94 requirements; TR817, TR1877, TR6250, TR6252, TR6350, TR6352, TRBR, TR270, TR1107, TRCR V2 rated; TR5797 V0 rated.
- Temperature Rating: TR270, TR1107, TRCR: -20°C to 60°C (-4°F to 140°F); TR817, TR1877, TR6250, TR6252, TR6350, TR6352, TRBR: -20°C to 70°C (-4°F to 158°F); TR5797: -40°C to 65°C (-40°F to 149°F)



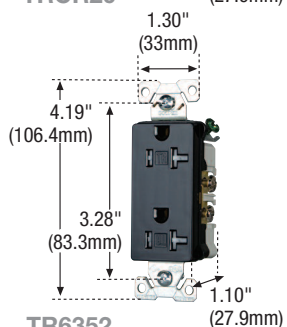
TR270



TR1107



TRCR20



TR6352



TR5797

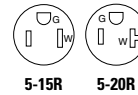
TR Receptacles

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 2011 NEC® Articles 406.12 – 406.14 for Tamper Resistant Receptacles.
- “TR” designation provides visual identification.
- Side-Wire terminals accept up to #10 solid or stranded wire.
- Push-in terminals accept #14 solid wire (TR270, TR1107, TR780, & 9500TR Duplex devices only).
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used (Combination Devices only).
- Durable impact-resistant thermoplastic face and back body is virtually unbreakable.
- Combination LED Nightlight features dimmable nightlight that turns on in the dark and off in the light. (TR7735)

Construction Grade



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex Receptacle	□ TR5262__	B, GY, LA, V, W
20A	125V	5-20R	Duplex Receptacle	□ TR5362__	B, GY, LA, V, W

Specification Grade, Combination



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Combination Single Pole Switch & Receptacle	□ TR274__	A, B, BK, LA, V, W
			Combination 3-Way Switch & Receptacle	□ TR293__	A, B, BK, LA, V, W
			Decorator Combination Single Pole & Receptacle	□ TR7730__	A, BK, LA, V, W
			Decorator Combination LED Nightlight & Receptacle	□ TR7735__	A, LA, V, W
20A	125V	5-20R	Combination Single Pole Switch & Receptacle	□ TR291__	A, B, BK, LA, V, W

Specification Grade, GFCI



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex GFCI	□ TRVGF15__	A, B, BK, GY, LA, RD, V, W
20A	125V	5-20R	Duplex GFCI	□ TRVG20__	A, B, BK, GY, LA, RD, V, W

Hospital Grade, Receptacles & GFCI



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	● Duplex Receptacle	□ TR8200__	B, GY, RD, V, W
			● Duplex GFCI	□ TRVGFH15__	B, GY, LA, RD, V, W
20A	125V	5-20R	● Duplex Receptacle	□ TR8300__	B, GY, RD, V, W
			● Duplex GFCI	□ TRVGFH20__	B, GY, LA, RD, V, 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)

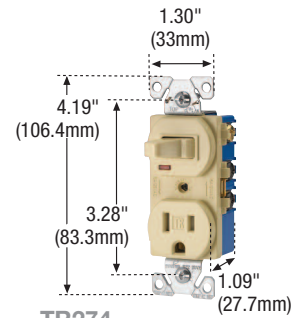
● Hospital Grade

TESTING & CODE COMPLIANCE

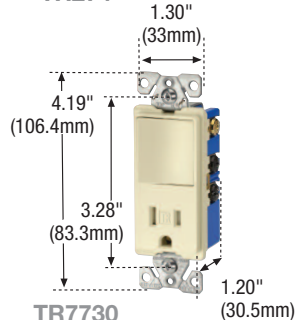
- cULus Listed to UL498, UL943 file nos. E60120 (TRVGF), E15058 (all others), except TR8200 & TR8300: Listed to UL498, file no. E15058.
- cUL Certified to CSA C22.2, no. 42.
- TRVGF meets all UL943 and UL498 requirements.
- TR5262, TR5362, TR8200/8300 UL verified to Fed. Spec. WC-596G.
- NOM/ANSI Certified.
- Combination devices, cULus File E18704, UL20, UL498, cUL File E18704, CSA 22.2

MATERIAL CHARACTERISTICS

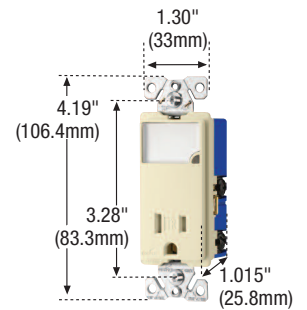
- Environmental: Flammability meets UL94 requirements; TR Combo Devices, TRVGF, TR8200, TR8300, 5262, 5362, V2 rated.
- Temperature Rating: TR Combo Devices: -20°C to 60°C (-4°F to 140°F); TRVGF: -35°C to 66°C (-31°F to 150.8°F); TR8200, TR8300: -40°C to 60°C (-40°F to 140°F); 5262, 5362: -20°C to 70°C (-4°F to 158°F).



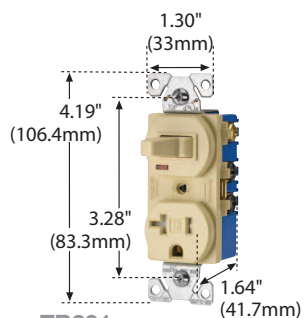
TR274



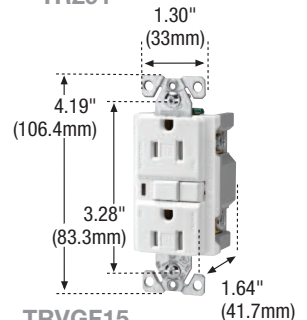
TR7730



TR7735



TR291



TRVGF15

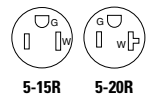
WR & TWR Receptacles

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



Weather Resistant and Tamper & Weather Resistant Receptacles

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



Duplex Receptacles

FEATURES

- Nickel-plated strap & mounting screws, and stainless steel terminal screws for corrosion resistance.
- Provides compliance with 2011 NEC® Article 406.9 that states that all receptacles installed in wet and damp locations must be weather resistant.
- Manufactured with the highest grade of materials; durable impact-resistant thermoplastic face and back body is virtually unbreakable.
- “TR” and “WR” designations provide visual identification.
- Terminal screws are backed out and ready to wire.
- Patented built-in wire stripper for #14 and #12 wire to speed installation.
- Side-wire terminals accept up to #10 solid or stranded wire.
- Push-in terminals accept #14 solid wire (TWR270 only).

WR Commercial Grade, Duplex



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex Receptacle, Back & Side Wire	<input type="checkbox"/> WRBR15__	B, GY, V, W
20A	125V	5-20R	Duplex Receptacle, Back & Side Wire	<input type="checkbox"/> WRBR20__	B, GY, V, W

WR Specification Grade GFCI



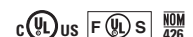
A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex GFCI	<input type="checkbox"/> WRVGF15__	B, GY, V, W
20A	125V	5-20R	Duplex GFCI	<input type="checkbox"/> WRVG20__	B, GY, V, W

TWR Residential Grade, Duplex



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex Receptacle	<input type="checkbox"/> TWR270__	LA, V, W

TWR Commercial Grade, Duplex



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex Receptacle, Back & Side Wire	<input type="checkbox"/> TWRBR15__	B, GY, V, W
20A	125V	5-20R	Duplex Receptacle, Back & Side Wire	<input type="checkbox"/> TWRBR20__	B, GY, V, W

TWR Specification Grade, GFCI



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Duplex GFCI	<input type="checkbox"/> TWRVGF15__	B, GY, LA, V, W
20A	125V	5-20R	Duplex GFCI	<input type="checkbox"/> TWRVG20__	B, GY, LA, V, W

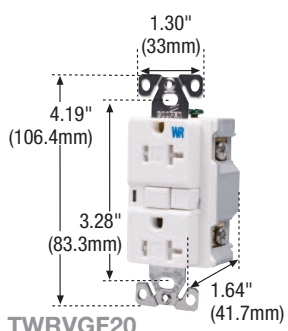
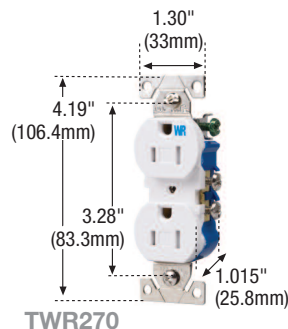
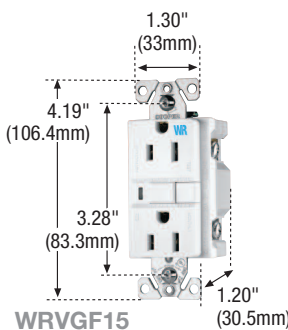
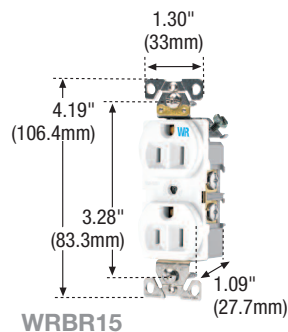
For ordering, include Cat. No. followed by the color code: B (Brown), GY (Gray), LA (Light Almond), V (Ivory), W (White)

TESTING & CODE COMPLIANCE

- cULus Listed to UL498.
- cUL Certified to CSA C22.2, no. 42.
- WRVGF & TWRVGF meet all UL943 (GFCI) and UL498 (Receptacles) requirements.
- WRBR and TWRBR UL verified to Fed. Spec. WC-596G.
- NOM/ANSI Certified.

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL94 requirements; TWR270 V2 rated; WRVGF, WRBR, TWRBR, TWRVGF V2 rated.
- Temperature Rating: TWR270: -20°C to 60°C (-4°F to 140°F); WRVGF, TWRVGF: -35°C to 66°C (-31°F to 151°F); WRBR, TWRBR: -20°C to 70°C (-4°F to 158°F).



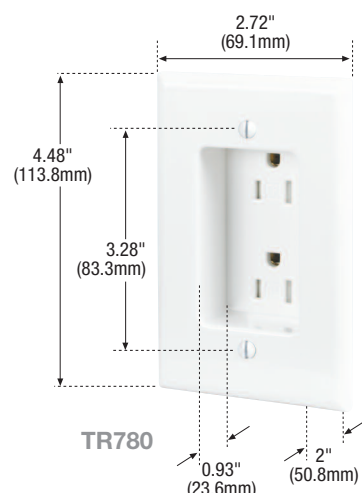
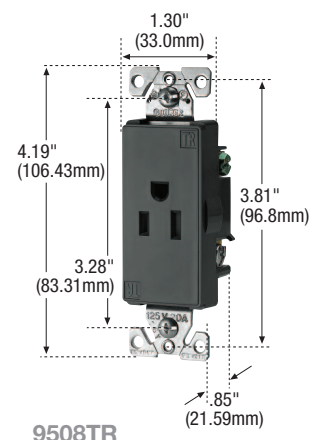
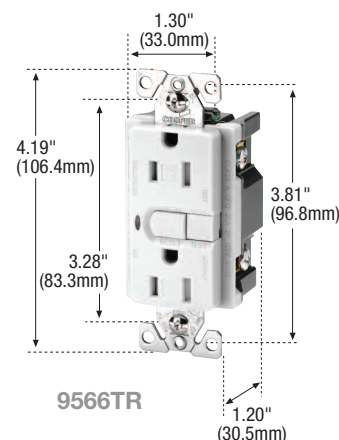
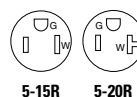
TR Receptacles

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



Tamper Resistant Receptacles

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



ASPIRE Collection & Recessed Receptacles

FEATURES

- Designed to coordinate with the unique look of the ASPIRE Design System - Available in three distinctive, two-tone color combinations – White Satin, Desert Sand and Silver Granite.
- Features our correct wiring/trip indicator light technology, making certain that every installation is properly wired to provide optimal protection.
- Indicator light provides quick visual reference of a tripped or “end of life” condition.
- Reset button lock-out function protects from miswired line-load connections and GFCI circuitry damage.
- Trip threshold (5ma+/-1ma) and response time (0.025 sec.) meet Class A requirements.
- Ultrasonically welded backbody.
- 20 amp feed-through rating allows full protection of downstream receptacles when wired from load side.
- Ground screw backwiring clamp for fast, secure termination.
- Maximum wiring flexibility is provided with 8 separate backwiring holes that accept up to #10 AWG stranded or solid wire.
- Longer, wider “bridged” strap provides 40% more contact area with wallboard, virtually eliminating floating installations.

ASPIRE Receptacles & GFCI



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	ASPIRE Duplex Receptacle	□ 9505TR__	AW, DS, SG, WS
			ASPIRE Single Receptacle	□ 9507TR__	AW, DS, SG, WS
			ASPIRE Duplex GFCI	□ 9566TR__	AW, DS, SG, WS
20A	125V	5-20R	ASPIRE Duplex Receptacle	□ 9510TR__	AW, DS, SG, WS
			ASPIRE Single Receptacle	□ 9508TR__	AW, DS, SG, WS
			ASPIRE Duplex GFCI	□ 9569TR__	AW, DS, SG, WS

Residential Grade, Recessed



A	V/AC	NEMA	Description	Catalog No.	Available Colors
15A	125V	5-15R	Recessed Single Receptacle	□ TR775__	W
			Recessed Duplex Receptacle	□ TR780__	W

For ordering, include Cat. No. followed by the color code: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), W (White), WS (White Satin)

NAFTA Compliant

TESTING & CODE COMPLIANCE

- cULus Listed to UL498, file nos. E60120 (9569TR), E15058 (all others): Listed to UL498, file no. E15058.
- cUL Certified to CSA C22.2, no. 42.
- NOM/ANSI Certified.

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL94 requirements; 9566TR, 9569TR, 9505TR, 9507TR, 9508TR, 9510TR, TR775, TR780, V2 rated;
- Temperature Rating: 9510TR: -20°C to 60°C (-4°F to 140°F); 9505TR, 9507TR, 9508TR: -20°C to 70°C (-4°F to 158°F); TR775, TR780: -20°C to 70°C (-4°F to 158°F); 9566TR, 9569TR: -35°C to 66°C (-31°F to 150.8°F).

Related Products



For more information about Cooper Wiring Device's Weatherproof covers and boxes, use the QR code above or visit: <http://bit.ly/wthrcvr>



For more information about Cooper Wiring Device's complete ASPIRE Collection, use the QR code above or visit: <http://bit.ly/aspiresystem>



Download a 2D barcode reader application
to your smart phone to visit us online:
www.CooperWiringDevices.com

Cooper Wiring Devices

United States
203 Cooper Circle
Peachtree City, GA 30269
P: 866-853-4293
F: 800-329-3055

www.cooperwiringdevices.com
email: custserv@cooperwiringdevices.com • [cwmmarketing@cooperindustries.com](mailto:cwdmarketing@cooperindustries.com)

Cooper Wiring Devices, Aspire and WeatherBox are valuable trademarks of Cooper Industries in the U.S. and other countries. You are not permitted to use the Cooper Trademarks without the prior written consent of Cooper Industries.
©2011 Cooper Industries, plc.

Canada
5925 McLaughlin Road
Mississauga, Ontario, L5R 1B8
P: 800-267-1042
F: 800-761-5748

Mexico
Carr. Tlalnepantla –
Cuautitlan Km 17.8 s/n
Col. Villa Jardin esq.
Cerrada 8 de Mayo
Cuautitlan, Mexico CP 54800
P: +525558999190
F: +525526207116
www.cooperwiringdevices.com.mx

Your Authorized Cooper Wiring Devices Distributor is:

Cooper Industries, plc.
600 Travis, Ste. 5600
Houston, TX 77002-1001
P: 713-209-8400
www.cooperindustries.com