

**Hospital Grade Duplex Receptacles\***  
2-Pole, 3-Wire Back & Side Wired

Description	Color	15A 125V	20A 125V	15A 250V	20A 250V
		NEMA 5-15R	NEMA 5-20R CSA Config. in Canada	NEMA 6-15R	NEMA 6-20R CSA Config. in Canada
Hospital Grade Duplex Receptacle. Smooth Face One-piece nickel plated brass strap	Brown Ivory Red White Gray Black Yellow	8200 8200-I 8200-R 8200-W 8200-GY 8200-E 8200-Y	8300 8300-I 8300-R 8300-W 8300-GY 8300-E 8300-Y	8600 8600-I	8400 8400-I
Hospital Grade Duplex Receptacle. 10/Bulk. One-piece brass strap	Ivory Red	L8200-I L8200-R	L8300-I L8300-R		
Slim Design Hospital Grade Duplex Receptacle, smooth face, 10/Bulk	Brown Ivory White Gray Red	8200-H 8200-HI 8200-HW 8200-HGY 8200-HR	8300-H 8300-HI 8300-HW 8300-HGY 8300-HR		

\*Single receptacle versions available

Description	Color	15A 125V	20A 125V
		NEMA 5-15R	NEMA 6-20R CSA Config. in Canada
Isolated Ground Hospital Grade Duplex Receptacle, smooth face	Orange Brown Ivory White Gray Red	5262-IG 5262-IGB 5262-IGI 5262-IGW 5262-IGG 5262-IGR	5362-IG 5362-IGB 5362-IGI 5362-IGW 5362-IGG 5362-IGR
Hospital Grade Isolated Ground Transient Voltage Surge Suppressor with audible tone indicator and monitor/indicator light	Orange Ivory White Blue	8280 8280-IGI 8280-IGW 8280-IGB	8380-IG 8380-IGI 8380-IGW 8380-IGB
Tamper-Resistant Hospital Grade Duplex Receptacle, smooth face	Brown Ivory White Gray Red	5262-SG 5262-SGI 5262-SGW 5262-SGG 5262-SGR	
Illuminated Hospital Grade Duplex Receptacle, smooth face	Ivory White Red	5262-HLI 5262-HLW 5262-HLR	5362-HLI 5362-HLW 5362-HLR

**Corrosion-Resistant Duplex Receptacles\***  
2-Pole, 3-Wire Back & Side Wired

Description	Color	15A 125V	20A 125V
		NEMA 5-15R	NEMA 5-20R CSA Config. in Canada
Corrosion-Resistant Duplex Receptacle, smooth face. One-piece electroless nickel-plated brass strap	Yellow	52CM-62	53CM-62

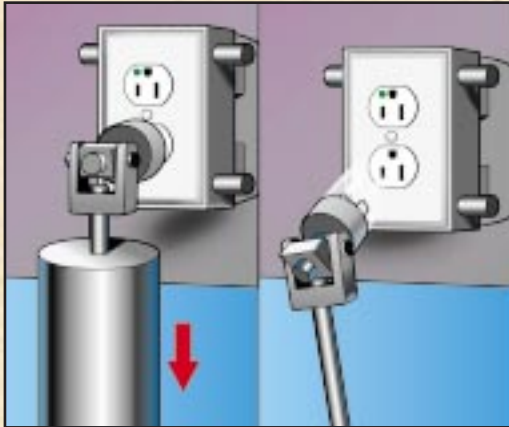
\*Single receptacles available

**Industrial Specification Grade Duplex Receptacles\***  
2-Pole, 3-Wire Back & Side Wired

Description	Color	15A 125V	20A 125V	15A 250V	20A 250V
		NEMA 5-15R	NEMA 5-20R CSA Config. in Canada	NEMA 6-15R	NEMA 6-20R CSA Config. in Canada
<b>"A" Series</b>					
Duplex Receptacle, smooth face, one piece brass strap	Brown Ivory White Gray	5262A 5262A-I 5262A-W 5262A-GY	5362A 5362A-I 5362A-W 5362A-GY		
Duplex Receptacle, smooth face, steel strap	Brown Ivory White Gray Red Black	5262 5262-I 5262-W 5262-GY 5262-R 5262-E	5362 5362-I 5362-W 5362-GY 5362-R 5362-E	5662 5662-I	5462 5462-I
Slim Design Duplex Receptacle, smooth face	Brown Ivory White Gray Red Black	5252 5252-I 5252-W 5252-GY 5252-R 5252-E	5352 5352-I 5352-W 5352-GY 5352-R 5352-E		
<b>Side Wired</b>					
Duplex Receptacle Smooth Face	Brown Ivory White Gray Red Black	5242 5242-I 5242-W 5242-GY 5242-R 5242-E	5342 5342-I 5342-W 5342-GY 5342-R 5342-E		

\*Single receptacles available





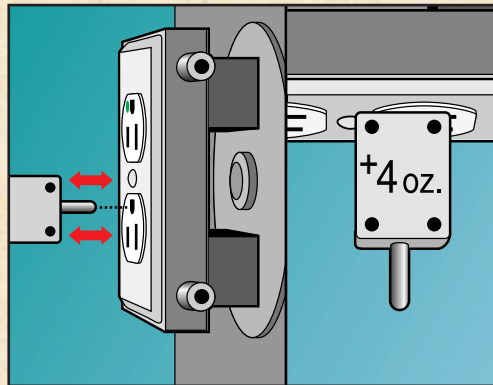
**Abrupt Removal of Plug from Receptacles Test**

A steel-bodied test plug with brass blades is inserted into the receptacle. A 10-pound weight dropped from at least 24 inches yanks the plug out of the receptacle. This test is done eight times with the receptacle rotated into different positions to create the greatest stress on its face and contact. After

this, the grounding contact must retain a four ounce, 0.184" diameter grounding pin, with the receptacle face down, for one minute. There shall be no breakage of the receptacle that interferes with the receptacle function or the integrity of the enclosure. The receptacle shall maintain the grounding path integrity through the receptacle.

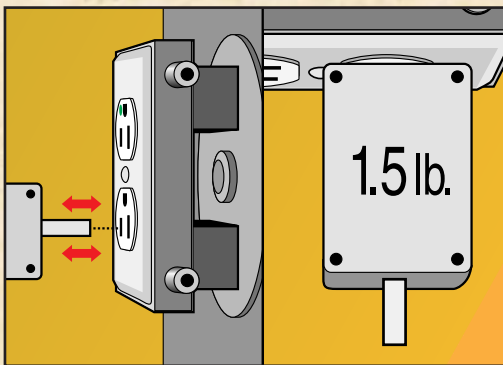
**Ground Pin Retention Test**

The grounding contact of the connector is conditioned by 20 insertions with a .204" oversized pin. After conditioning, a 0.184" diameter pin shall be inserted in the grounding contact and shall be capable of supporting at least four ounces for one minute.



**Power Blade Retention Test**

A test plug with oversized blades of .075" is inserted into the current-carrying opening of the connector for 20 conditioning cycles. After the conditioning cycles, The contact shall be capable of supporting for one minute 1½ lbs. secured to a single .055" thick solid steel blade without holes.



**Assembly Security Test**

A force of 100 pounds is applied through the slots to the base of the receptacle while the yoke is supported at its screw mounting positions. There must be no cracking of base or permanent deformation of yoke.

**Salt Spray (Fog) Test for Corrosion-Resistant Receptacles**

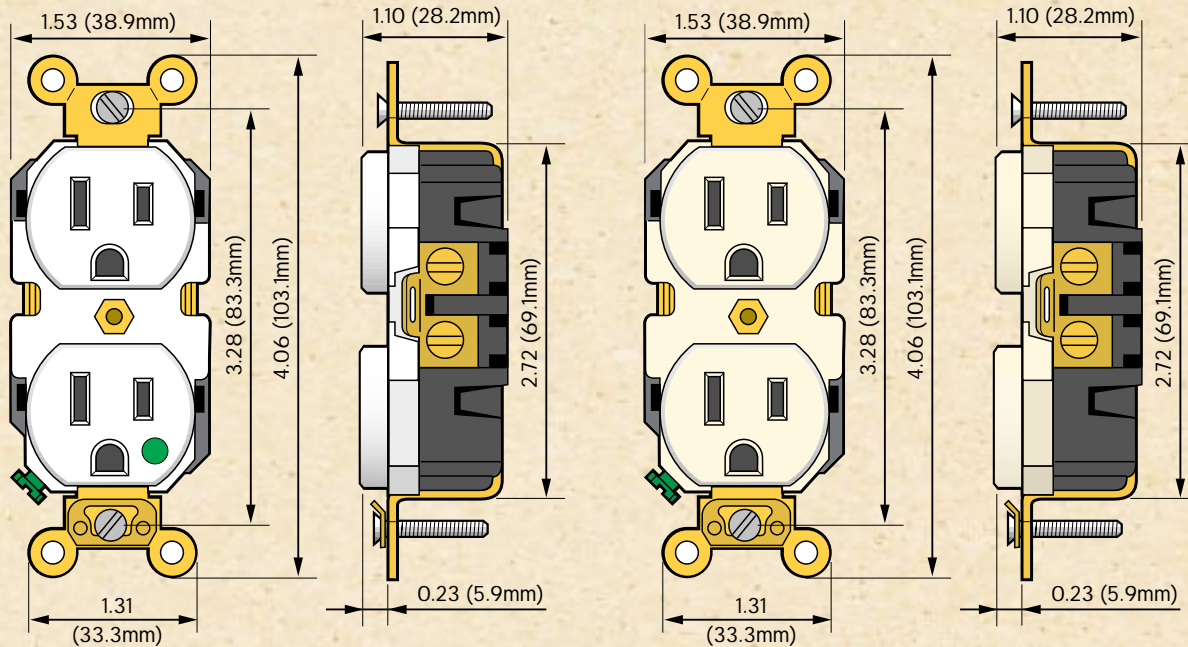
All Leviton Corrosion-Resistant Receptacles pass the ASTM B-117-13 500-hour Salt Spray Test with no visible corrosion.

**In addition...**

Leviton Hospital Grade receptacles undergo these demanding tests:

- Strength of insulating base
- Ground contact temperature
- Impact test
- Ground Contact Resistance
- Terminal Strength Test
- Resistance of ground
- Fault current
- Gripping
- Overload
- Temperature
- Dielectric withstand
- Insulation resistance
- Assembly security
- Receptacle ground contact
- Horsepower





**Cat. No. 8200**  
**Cat. No. 8300**

**Cat. No. 5262**  
**Cat. No. 5362**

### Performance Specifications

#### Electrical

Dielectric Voltage Withstand:	2,000V minimum
Maximum Working Voltage:	125V or 250V as rated
Current Interrupting:	Certified for current interrupting at full-rated current
Temperature Rise:	Maximum 30° C temperature rise at full-rated current after 250 cycles of overload at 200% of rated current

#### Mechanical

Terminal Identification:	Terminals identified in accordance with UL 498 (brass, silver & green)
Terminal Accommodation:	#14 gage through #10 gage copper and copper clad
Product Identification:	Ratings are a permanent part of device housing.

#### Environmental

Flammability:	Rated V2
Operating Temperature:	From maximum -40°C (without impact) to 65° maximum continuous
TVSS Receptacles:	From maximum -35°C to +66°



**Industrial Specification Grade Duplex Receptacle  
Product Scope Specification/Comparison**

Part	Materials				
Cat. No.	8200-8600	L8200-L8300	5262A 5352A	5262, 5362 5462, 5662	52CM-62 53CM-62
Grade	Hospital Grade		Industrial Specification Grade		Corrosion-Resistant Industrial Specification Grade
Cover	Smooth face high-impact resistant nylon				
Base	High impact-resistant nylon				
Mounting Strap	One-piece with integral ground contacts .050" thick brass nickel-plated	One-piece with integral ground contacts .050" thick brass	One-piece with integral ground contacts .050" thick brass	Multi-piece .050" thick steel, zinc-plated with .040" thick brass ground contacts	One-piece with integral ground contacts .050" thick brass electroless nickel-plated
Power	.040" thick high-performance brass, nickel-plated	.040" thick high-performance brass	.040" thick high-performance brass	.040" thick high-performance brass	.040" thick high-performance brass, electroless nickel-plated
Terminal Screws	Deep mill-slotted & staked #8-32 x 5/16" large brass binding head				Deep mill-slotted & staked #8-32 x 5/16" CU nickel binding head
Terminal Clamps	Exclusive double V-shaped three-piece contact terminal clamps .078" thick steel zinc-plated				.078" thick CU nickel electroless nickel-plated
Grounding Clip	Brass, nickel-plated	Brass	Brass	Brass	Brass, electroless nickel-plated
Hex Head Grounding Screw	#8-32 x 1/4: staked, Brass, green chromate				#8-32 x 1/4: staked CU nickel, green chromate
Bushing	Brass, nickel-plated	Brass	Brass	Zinc die cast	Brass, electroless nickel-plated
Mounting Screws	#6-32 x 7/8" steel, zinc-plated				#6-32 x 7/8" CU nickel
Certifications	UL/HG, WD-1 & 6 FS WC 596 CSA (where applicable) NOM		WD 1 & 6 UL/FS WC 596 CSA (where applicable) NOM		UL/FS WC596 CSA (where applicable) NOM