



Industrial Specification Grade 15 Amp and 20 Amp Duplex Receptacles

Unmatched quality, performance and durability
for demanding real-world usage.

IND *INDUSTRIAL*
SPECIFICATION GRADE



Second to none.

These all-new Industrial Specification Grade Receptacles are more than a match for today's most demanding applications. And tomorrow's, as well—because they meet the higher, more demanding standards of 1995 UL 498.

These receptacles expand Leviton's comprehensive offering of Industrial Specification Grade wiring devices—a full line of high-performance devices that will deliver top performance in every rough-duty application you can specify.

Designed for harsher environments

We designed these receptacles to stand up to the rigors of real-world industrial settings. To be exposed to frequent yanks and multiple cord pulls. To be bashed and bumped by heavy equipment. To be exposed to moisture, fumes, corrosive chemicals, oils and cleaning solvents, and still provide a reliable connection.

Quality materials

First we designed and built them of the finest materials, to meet the most stringent specifications: impact-resistant thermoplastic nylon face and body, locked-in so they remain securely fastened together even if the strap is broken. The distinctive smooth face stays cleaner and resists accumulation of dirt and dust.

Top-of-the-line devices feature one-piece nickel-plated brass straps locked in for secure connection. With high-performance brass contacts and terminal screws.

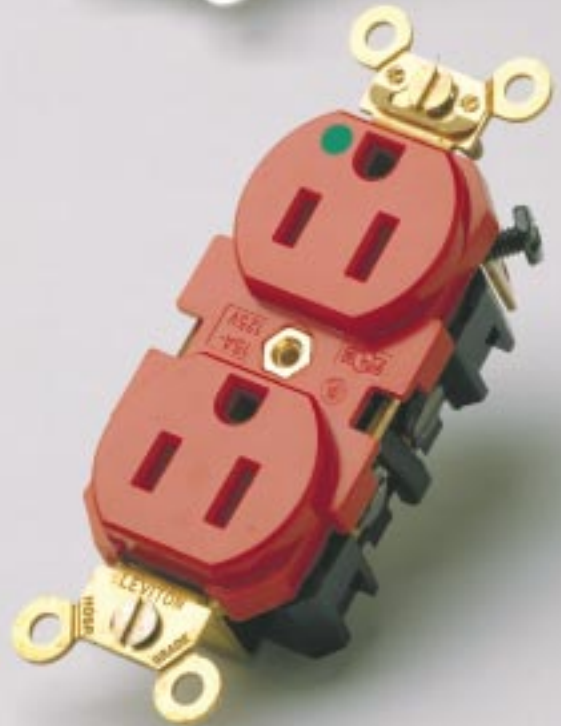
Tougher than ever

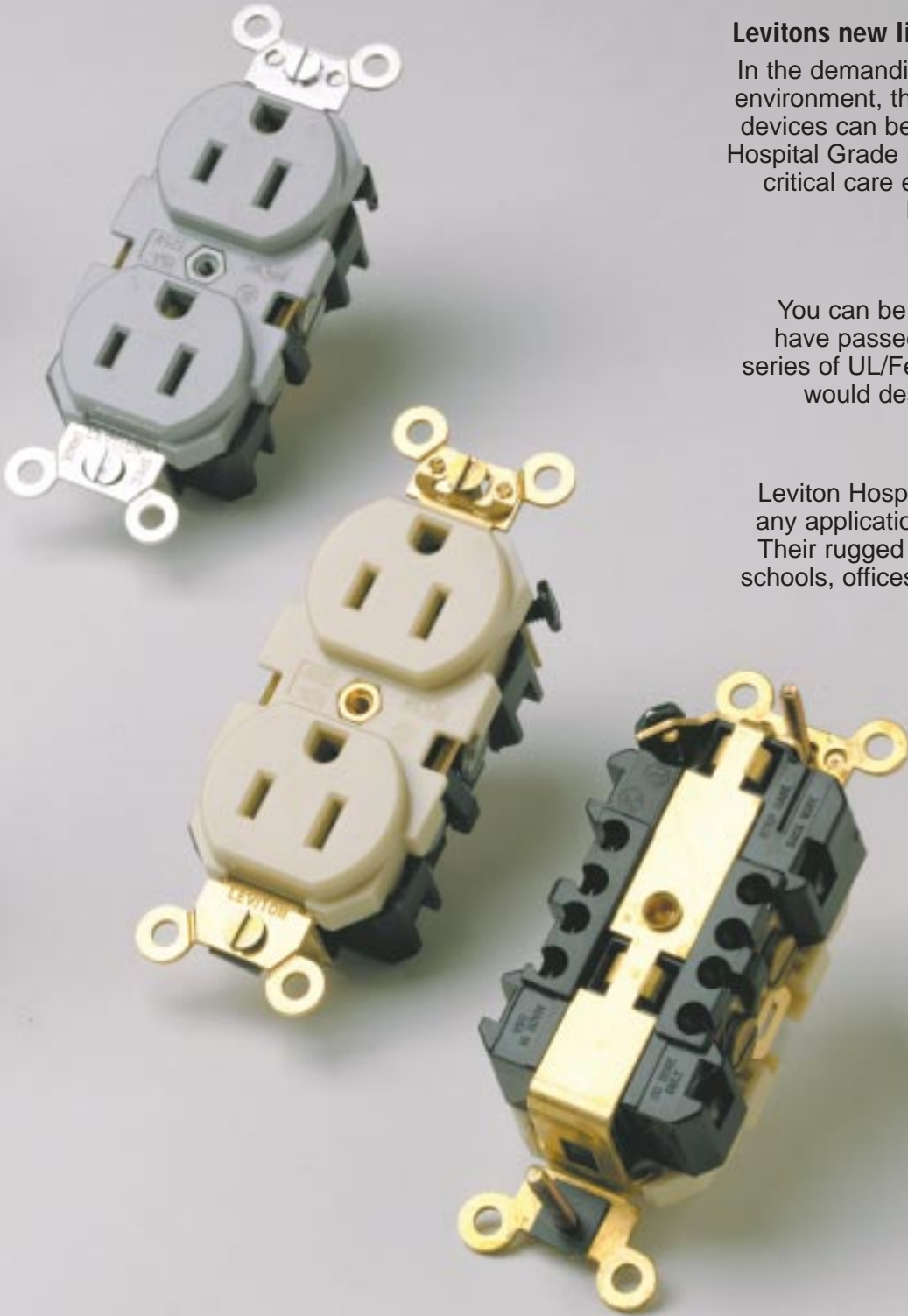
Next we put them through grueling tests more rigorous than required for any-on-the-job use. The results —see them on page 11— are clear. These new duplex receptacles, and the entire Leviton industrial specification grade line, will provide unmatched quality and reliability under the most demanding conditions. And look great, too.

Certified performance

All receptacles in this new line are UL Listed, meet the requirements of Federal Specification WC-596, are in full compliance with NEMA Standard WD-1 and WD-6 and with UL 498 standards. They are CSA Certified where applicable, and meet Mexican NOM standards. Hospital Grade devices, displaying the green dot, are also Listed UL/Fed Spec and carry UL File # E13399, CSA File # LR 406. Of course, all are backed by Leviton's Limited 10-Year Warranty

Note: Because Leviton engages in a continuous program of product improvement, specifications in this brochure are subject to change without notice. Devices are backed by Leviton Limited Ten Year Warranty.





Levitons new line of Hospital Grade receptacles

In the demanding hospital and health care facility environment, the dependability of electrical wiring devices can be crucial. The green dot on Leviton Hospital Grade receptacles is your assurance that critical care equipment and delicate electronics have the most reliable connection.

Where performance is critical

You can be confident that Leviton receptacles have passed and exceeded the demands of a series of UL/Fed Spec Hospital Grade tests that would destroy ordinary heavy-duty devices.

Not just for hospitals

Leviton Hospital Grade Devices are suitable for any application requiring high-abuse tolerance. Their rugged construction makes them ideal for schools, offices, manufacturing plants and health care facilities.





Hospital Grade Receptacles

Cat. No. 8200, 8300, 8400 and 8600 Series

Outstanding attention to detail means superior performance.

Leviton's top-of-the-line Hospital Grade receptacles (identified by a green dot on the face) meet the latest 1995 UL 498 requirements. They are UL Listed Hospital Grade and are CSA certified where applicable. In addition, they meet WD-1 and 6 standards. They feature these precision-engineered components:

- Exclusive CAD-designed receptacle is constructed of high-performance, impact-resistant thermoplastic. The rugged nylon cover and body is engineered to withstand repeated plug insertion and removals without chipping or breakage
- The smooth face does not collect dirt, and is easy to clean
- Face is locked into base with exclusive four-corner latch construction, to remain securely fastened
- One-piece, .050" thick, locked-in brass mounting strap with integral ground contacts offers superior ground resistance. .00005" nickel plating provides improved corrosion-resistance for longer life and better appearance
- Large, triple-wipe "T" contacts are made of high-performance brass to produce superior contact pressure that results in outstanding conductivity, minimal heat rise
- Unique, V-shaped and serrated back wiring clamps offer three-point contact that provides outstanding conductivity for solid or stranded wire.
- Deep-cut, mill-slotted No. 8-32 high-performance brass terminal screws with undercut annular binder-head design reduce oxidation on conductors for improved continuity. Designed torque capability of +20 inch pounds. Note: screws for Canadian devices are identical.
- Back and side wiring options: Eight deep-funnel back-wiring holes guide stripped conductors to terminals for faster, easier wiring. Accept No. 10-14 AWG solid and stranded wire
- Dual grounding connection option: Integral green grounding screw and patented Groundamatic® self-grounding clip riveted to the strap for automatic ground connection when mounted in a properly grounded metal wallbox
- Convenient break-off tabs allow easy two-circuit conversion
- Apron Barrier helps prevent accidental contact of terminal screw heads with metal box

All Leviton Hospital Grade receptacles are backed by Leviton's Limited 10-Year Warranty.

Note: Single receptacle versions are available. See Leviton catalog or contact your Leviton representative.



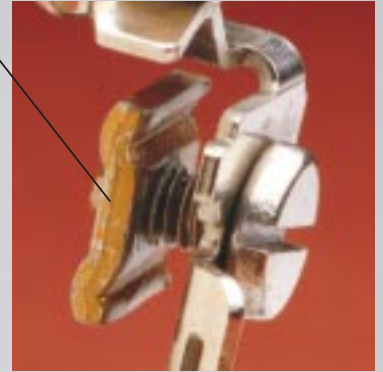
A smooth flat face for a cleaner appearance. Dust and grease can't collect.



Exclusive:
Cover snaps and locks in place to body at each corner. Result is exceptional reliability.



Terminal screws are solid brass.



Exclusive:
Unique back wire clamp design increases surface area contact.

Exclusive:
Self-grounding clip is riveted to strap, and designed never to loosen or fall off.



Exclusive:
Hexagonal brass bushing secures one-piece solid brass strap to body.





Corrosion-Resistant Cat. No. 52CM-62 and 53CM-62 Series

Leviton's Corrosion-Resistant Receptacles provide reliable long term performance in demanding industrial and marine applications—locations where dampness and salt air can corrode the toughest receptacles. In addition to meeting demanding UL Hospital Grade and Federal Specification W-C-596 requirements, they have surpassed the ASTM-B-117-13 500-hour salt spray and fog test requirements with no visible corrosion.

Features:

- Exclusive CAD-designed receptacle is constructed of high-performance, impact-resistant thermoplastic. The rugged nylon cover and body is engineered to withstand repeated plug insertion and removals without chipping or breakage.
- The smooth face does not collect dirt, and is easy to clean.
- High-visibility yellow cover.
- Face is locked into base with exclusive four-corner-latch construction, to remain securely fastened.
- One-piece, .050" thick, locked-in brass mounting strap with integral ground contacts offers superior ground resistance. .0003" nickel plating provides improved corrosion-resistance for longer life and better appearance.
- Large, triple-wipe "T" contacts are made of high-performance brass to produce superior contact pressure that results in outstanding conductivity.
- All metal parts are non-magnetic electroless nickel-plated brass—won't interfere with sensitive navigational equipment.
- Unique, V-shaped and serrated back wiring clamps offer three-point contact that provides outstanding conductivity.
- Deep-cut, mill-slotted No. 8-32 high-performance brass terminal screws with undercut annular binder-head design reduce oxidation on conductors for improved continuity. Designed torque capability of +20 inch pounds. Note: screws for Canadian devices are identical.
- Back and side wiring options Eight deep-funnel back-wiring holes guide stripped conductors to terminals for faster, easier wiring. Accept No. 10-14 AWG solid and stranded wire.
- Dual grounding connection option: Integral green grounding screw and patented Groundamatic® self-grounding clip riveted to the strap for automatic ground connection when mounted in a properly grounded metal wallbox.
- Apron Barrier prevents accidental contact of terminal screw heads with metal box.
- UL Listed Federal Specification WC-596. NEMA Standard WD 1 and WD-6. CSA Certified, where applicable. Meet NOM Mexican standards.
- UL File # E13399, CSA File # LR 406.
- Backed by Leviton's Limited 10-Year Warranty.



Note: Single receptacle versions are available. See Leviton catalog or contact your Leviton representative.



Industrial Specification Grade A Series 5262, 5362, 5462 and 5662

These receptacles are industrial workhorses

For rough-duty industrial applications, Leviton's Industrial Specification Grade receptacles provide superior performance under the most punishing conditions. An outstanding selection is available in a wide range of ratings and configurations.

Features:

- Impact-resistant smooth-face thermoplastic nylon cover is securely locked into base to remain securely fastened even in rough use.
- "A" Series available with one-piece .050" thick locked-in brass self-grounding strap, others with multi-piece locked-in .050" steel strap.
- Large, triple-wipe "T" contacts are made of high-performance brass to produce superior contact pressure that results in outstanding conductivity.
- Unique, V-shaped and serrated back wiring clamps offer three-point contact that provides outstanding conductivity.
- Deep-cut, mill-slotted No. 8-32 high-performance brass terminal screws with undercut annular binder-head design reduce oxidation on conductors for improved continuity. Designed torque capability of +20 inch pounds. Note: screws for Canadian devices are straight-slotted.
- Back and side wiring options: Eight deep-funnel back-wiring holes guide stripped conductors to terminals for faster, easier wiring. Accept No. 10-14 AWG solid and stranded wire.
- Dual ground connection option: Integral green grounding screw and patented Groundamatic® self-grounding clip riveted to the strap for automatic ground connection when mounted in a properly grounded metal wallbox.
- Meet all requirements of latest UL /Federal Specification W-C-596 CSA Certified where applicable. Meet Mexican NOM standards.
- Full compliance with NEMA Standard WD-1 and WD-6.
- Backed by Leviton's Limited 10-Year Warranty.



Note: Single receptacle versions are available. See Leviton catalog or contact your Leviton representative.

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

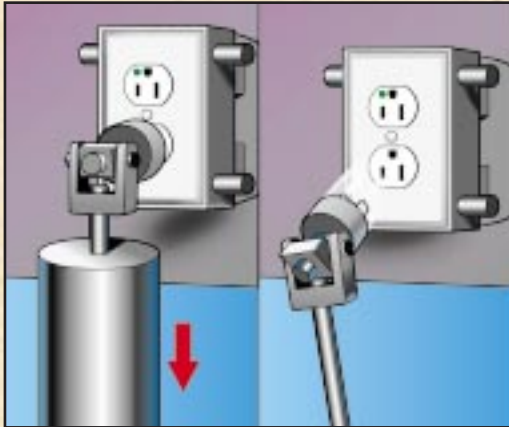
Description	Color	15A 125V	20A 125V
		NEMA 5-15R	NEMA 5-20R CSA Config. in Canada
Corrosion-Resistant Duplex Receptacle, smooth face. One-piece electroless nickel-plated brass strap	Yellow	52CM-62	53CM-62

*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
"A" Series					
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		
Side Wired					
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



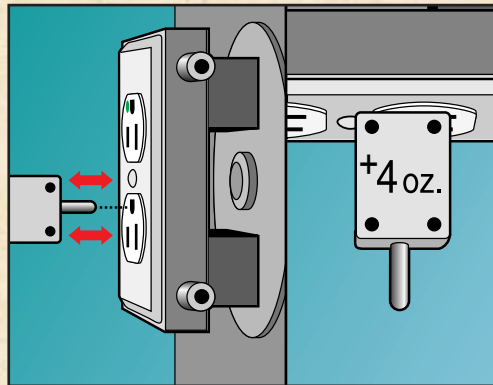
Abrupt Removal of Plug from Receptacles Test

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.

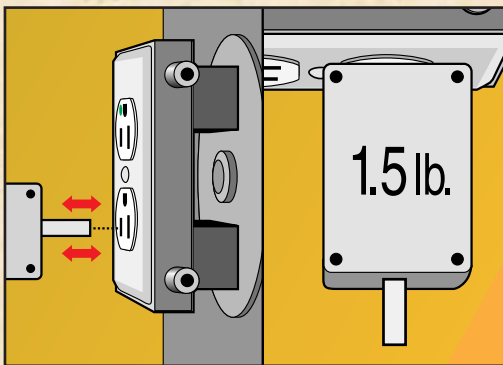
Ground Pin Retention Test

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.

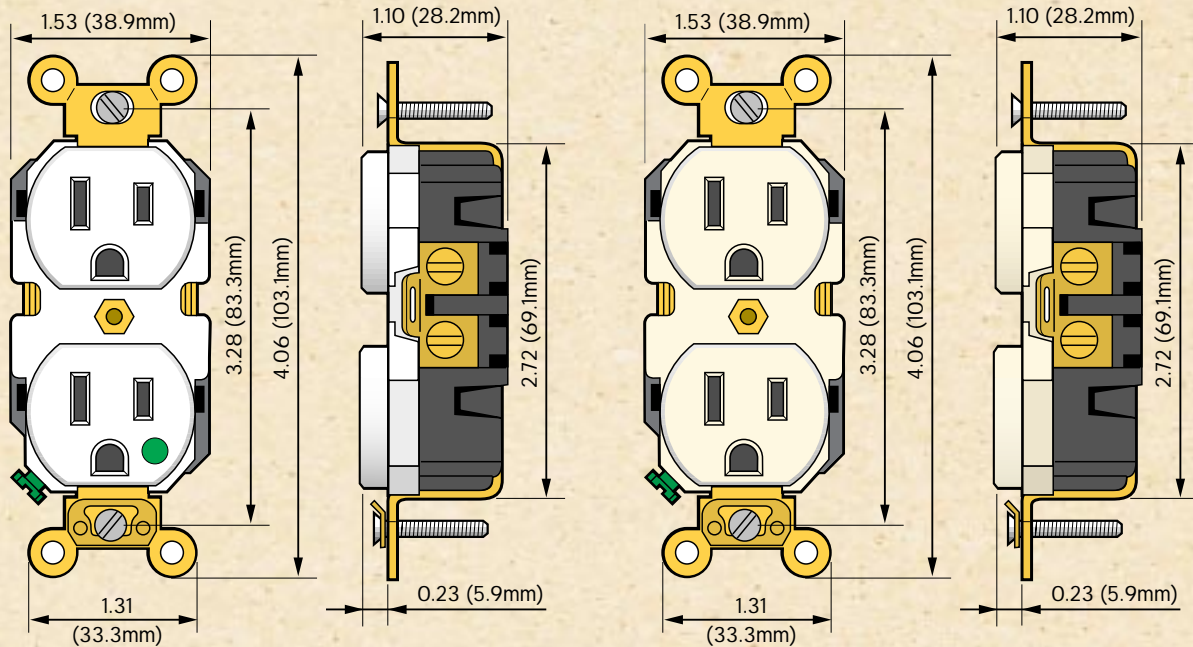
Salt Spray (Fog) Test for Corrosion-Resistant Receptacles

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

Leviton's Limited Ten-Year Warranty

This warranty gives you specific legal rights, and you may also have other rights which vary in different states and countries. LEVITON warrants to the original consumer purchaser that this product is free of defects in materials and workmanship for 10 years from purchase date. Leviton will correct such deficits by repair or replacement, at its option, if the product is returned prepaid, with proof of purchase date, to Leviton Manufacturing Company, Inc., Attn.: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck NY 11362-2591. This warranty does not cover labor for removal or reinstallation of the product and is void on any product installed improperly or in an improper environment, overloaded, misused, opened, abused or altered in any manner. Leviton limits the duration of any implied warranty of merchantability to 10 years and excludes incidental or consequential damages for breach of any warranty on this product. Some jurisdictions may not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

**Leviton is your total source
for industrial specification grade electrical wiring devices.**

Technical question?

For technical information on troubleshooting Leviton Hospital Grade and Industrial Specification Grade Receptacles, please call 1-800-824-3005. For all other information please call 1-800-323-8920. Phone hours are 9 AM to 5 PM Eastern time, Monday through Friday.

See your Leviton distributor now.

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