

Leviton's Complete Line of Industrial and Hospital Grade Isolated Ground Receptacles

15 Through 60 Amp Straight Blade
15 Through 30 Amp Locking

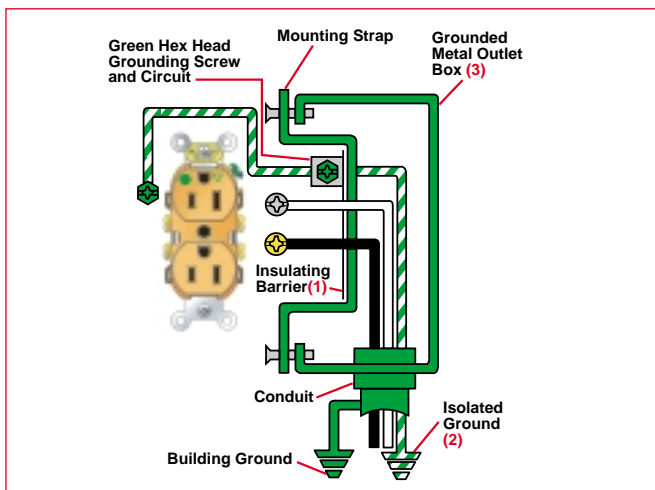
Leviton isolated ground receptacles are easily identified by an orange triangle ▲ or a contrasting color on the face of the device per UL 498. This permanent symbol on the face or an orange face of any Leviton receptacle means that the ground path is electrically isolated from the strap, wall plate screws and all other components of the device. This design ensures a pure or isolated ground path from the grounding contacts to the green ground screw. When a dedicated grounding conductor is connected to the green ground screw the isolated system is complete.



Characteristics of Isolated Ground Wiring Devices

Isolated ground devices help limit electrical noise on the equipment grounding circuit by providing two grounding paths for the installation. The device grounding circuit terminal and grounding contacts are isolated from the grounding path of the metal outlet box, device mounting means, and metal cover or wall plate, thus establishing a separate, dedicated equipment grounding path for connecting noise-sensitive equipment.

Principles of Operation*

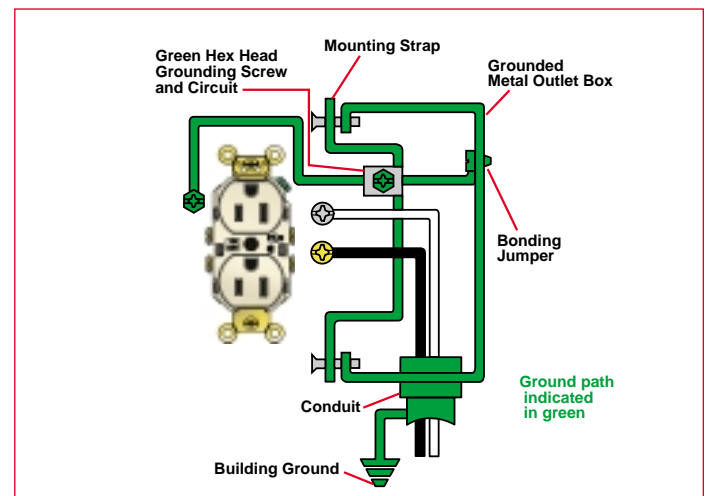


Isolated Ground Receptacle

Isolated ground receptacles are not grounded to building ground at the receptacle location.

Grounding of this device requires that an isolated ground path be established from the receptacle grounding terminal to a suitable equipment grounding point "upstream" from the device.

Insulating barrier (1) prevents grounding circuit (2) from making contact with the outlet box (3) which otherwise would ground the receptacle through the building ground.



Conventional Receptacle

Conventional receptacles are grounded to building ground at the receptacle outlet. When mounted in the box, a single grounding path is established through the grounded metal outlet box and the building ground system.

*Based on the drawings that originally appeared in "NEMA Application Guide For Isolated Ground" in 1991



15A 125V; 20A 125V



10 YEAR LIMITED WARRANTY

Isolated Ground, Hospital Grade

NEMA 5-15R NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERRUPT.	TEMP. RISE
Withstands 2000V per UL498	Full rated current	Max 30° C after 250 cycles of overload at 200% of rated current

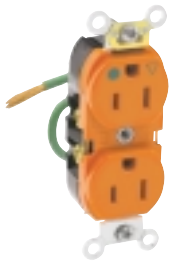
MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot	#14 - #10 AWG	Ratings are permanently marked on device
Green Grounding		
White, neutral	#14 - #12 AWG	
ENVIRONMENTAL		
FLAMMABILITY		OPERATING TEMP.
Rated V2 per UL 94		-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA	ANSI	UL	UL Fed Spec	CSA	NOM
WD-6	C-73	498HG	WC-596	C22.2 No. 42	
✓	✓	#E13399	#E13399	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

Back and Side Wired



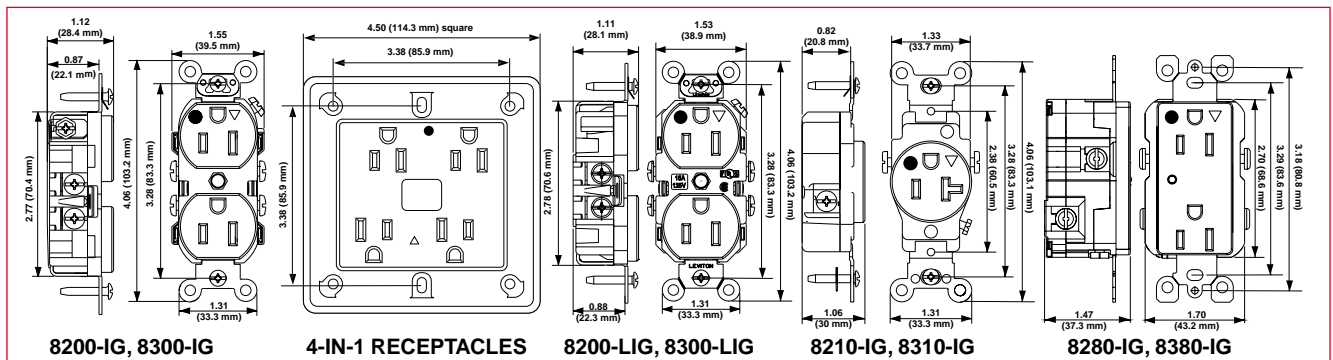
FACE COLOR	IG DUPLEX HOSPITAL GRADE NARROW BODY	IG 4-IN-1 HOSPITAL GRADE	IG 4-IN-1 SURGE HOSPITAL GRADE	HOSPITAL GRADE IG DUPLEX	IG SINGLE HOSPITAL GRADE	IG DUPLEX SURGE HOSPITAL GRADE Indicator Light Audible Alarm	IG SINGLE SURGE HOSPITAL GRADE Indicator Light Audible Alarm
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8200-IGB	-	-	-	-	-	-
Ivory	8200-IGI	1254-IGI	8480-IGI	16262-IGI	-	8280-IGI	8281-IGI
White	8200-IGW	1254-IGW	8480-IGW	16262-IGW	-	8280-IGW	8281-IGW
Gray	8200-IGG	-	8480-IGG	16262-IGG	-	8280-IGG	-
Red	8200-IGR	-	-	16262-IGR	-	-	-
Orange	8200-IG	1254-IG	8480-IG	16262-IG	8210-IG	8280-IGO	8281-IGO
Blue	-	-	8480-IGB	16262-IGB	-	8280-IGB	-
Almond	-	-	-	-	-	8280-IGA	8281-IGA
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8300-IGB	-	-	-	-	-	-
Ivory	8300-IGI	21254-IGI	8490-IGI	16362-IGI	-	8380-IGI	8381-IGI
White	8300-IGW	21254-IGW	8490-IGW	16362-IGW	-	8380-IGW	8381-IGW
Gray	8300-IGG	-	8490-IGG	16362-IGG	-	8380-IGG	-
Red	8300-IGR	-	-	16362-IGR	-	8380-IGR	-
Orange	8300-IG	21254-IG	8490-IG	16362-IG	8310-IG	8380-IGO	8381-IGO
Blue	-	-	8490-IGB	16362-IGB	-	8380-IGB	8381-IGB



8200-LIG

ORANGE IG-DUPLEX W/ 6" LEAD HOSPITAL GRADE SLIM BODY
15A 125V
8200-LIG
20A 125V
8300-LIG

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES		
84041-IG	80703-IG	80704-IG	80716-I	84004-40	84003-40	84016-40





15A 125V & 250V; 20A 125V & 250V



10 YEAR LIMITED WARRANTY



NEMA 5-15R



NEMA 5-20R



NEMA 6-15R



NEMA 6-20R

Isolated Ground, Industrial Grade

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERRUPT.	TEMP. RISE
Withstands 2000V per UL498	Full rated current	Max 30° C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	#14 - #10 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

Back and Side Wired



5362-IG

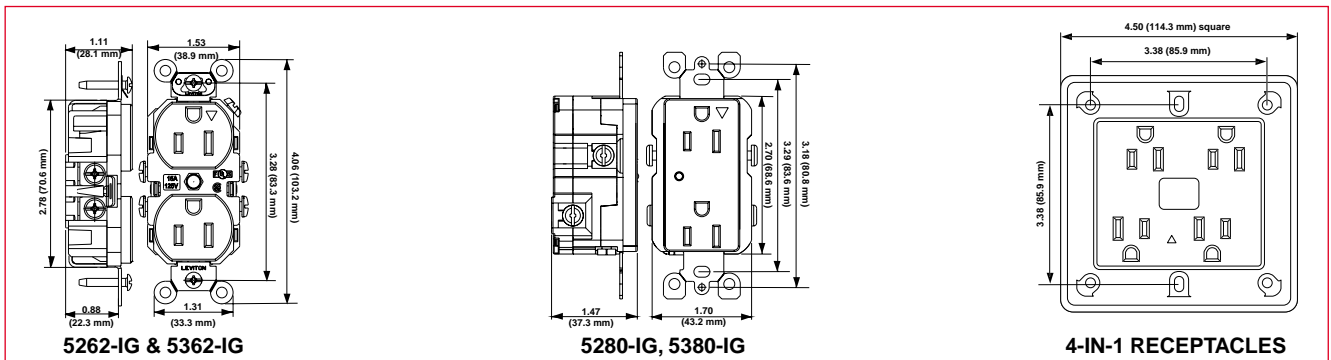


5380-IGB



Split Circuit Not Available
5480-IGI

FACE COLOR	IG DUPLEX RECEPTACLE SLIM BODY Steel Strap 8-Hole Feed-Thru	IG DUPLEX SURGE INDUSTRIAL GRADE Indicator Light	IG 4-IN-1 SURGE INDUSTRIAL GRADE Indicator Light UL Fed Spec WC-596 Does Not Apply To 4-in-1 Receptacles
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding			
Brown	5262-IGB	-	-
Ivory	5262-IGI	5280-IGI	5480-IGI
White	5262-IGW	5280-IGW	-
Gray	5262-IGG	5280-IGG	-
Red	5262-IGR	-	-
Orange	5262-IG	5280-IGO	5480-IGO
Blue	-	5280-IGB	5480-IGB
Almond	-	5280-IGA	-
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding			
Orange	5662-IG	-	-
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding			
Brown	5362-IGB	-	-
Ivory	5362-IGI	5380-IGI	5490-IGI
White	5362-IGW	5380-IGW	-
Gray	5362-IGG	5380-IGG	-
Red	5362-IGR	-	-
Orange	5362-IG	5380-IGO	5490-IG
Blue	-	5380-IGB	5490-IGB
Almond	5362-IGA	-	-
20A 250V, NEMA 6-20R, 2-P 3-W, Grounding			
Orange	5462-IG	-	-



Industrial Grade Straight Blade Isolated Ground Receptacles

Industrial Grade, Isolated Ground Receptacles

Industrial Grade Straight Blade & Locking Isolated Ground Receptacles

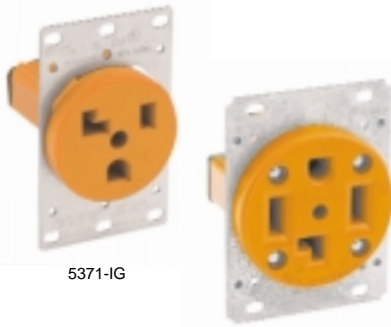


ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL498	Full rated current	Max 30°C at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	Up to #4 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	-	#152105	#057

10 YEAR LIMITED WARRANTY



30/50/60 Amp NEMA Straight Blade Isolated Ground Receptacles

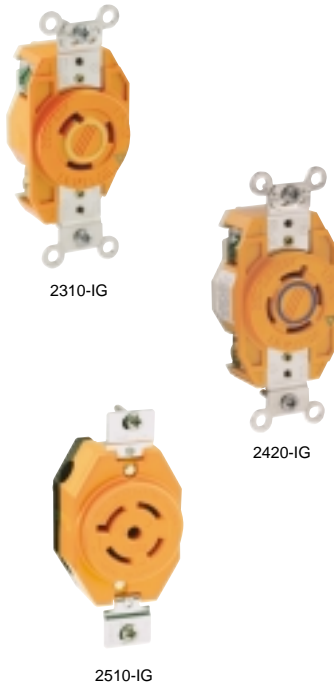
POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	ISOLATED GROUND RECEPTACLES
2-Pole 3-Wire Grounding	30	125V 250V	5-30R 6-30R	2	5371-IG 5372-IG
	50	250V	6-50R	2	5374-IG
3-Pole 4-Wire Grounding	30	125/250V	14-30R	2	278-IG
	50	3ø 250V	15-50R	7.5	8450-IG
	60	3ø 250V	15-60R	10	8460-IG

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL498	Full rated current	Max 30°C at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	#14 - #18 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V2 per UL94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	-	#152105	#057

LIFETIME WARRANTY



15/20/30 Amp NEMA Locking Isolated Ground Receptacles

POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	ISOLATED GROUND RECEPTACLES
2-Pole 3-Wire Grounding	15	125V 250V 277V AC	L5-15R L6-15R L7-15R	0.5 1.5* 2	4710-IG 4560-IG 4760-IG
	20	125V 250V 277V AC 480V AC 600V AC	L5-20R L6-20R L7-20R L8-20R L9-20R	1 2* 2 3 NA	2310-IG 2320-IG 2330-IG 2340-IG 2350-IG
	30	125V 250V 277V AC 480V AC 600V AC	L5-30R L6-30R L7-30R L8-30R L9-30R	2 2* 3 5 NA	2610-IG 2620-IG 2630-IG 2640-IG 2650-IG
3-Pole 4-Wire Grounding	20	125/250V 3ø 250V 3ø 480V	L14-20R L15-20R L16-20R	2LL*/1LN 3 5	2410-IG 2420-IG 2430-IG
	30	125/250V 3ø 250V 3ø 480V 3ø 600V	L14-30R L15-30R L16-30R L17-30R	2LL*/2LN 3 10 NA	2710-IG 2720-IG 2730-IG 2740-IG
4-Pole 5-Wire Grounding	20	3øY 120/208V 3øY 277/480V 3øY 347/600V	L21-20R L22-20R L23-20R	2 5 NA	2510-IG 2520-IG 2530-IG
	30	3øY 120/208V 3øY 277/480V 3øY 347/600V	L21-30R L22-30R L23-30R	3 10 NA	2810-IG 2820-IG 2830-IG

* Suitable for 208V motor applications at HP rating L-L Denotes phase-to-phase HP rating L-N Denotes phase-to-neutral HP rating

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com



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