V-0-MAX®

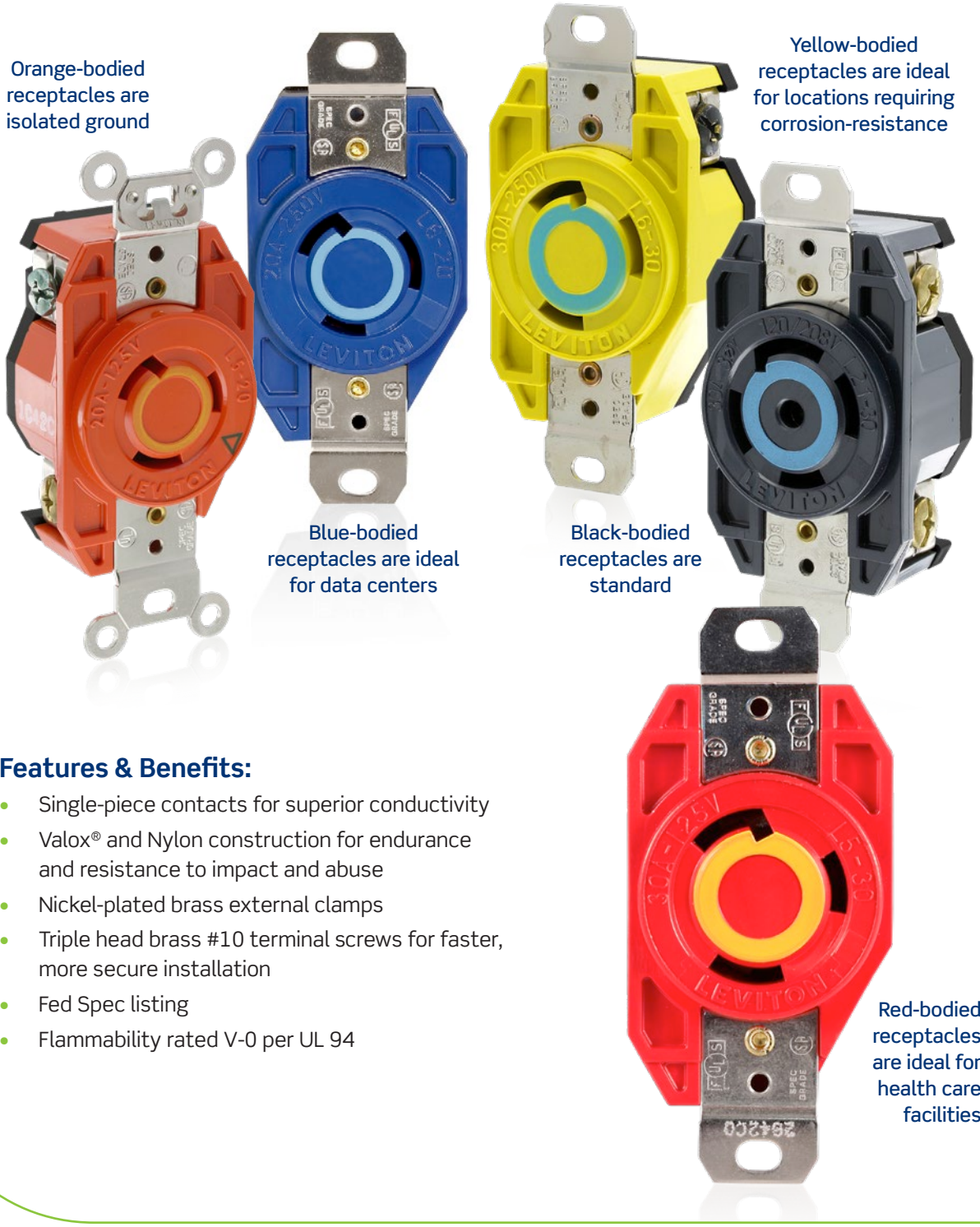
Industrial Grade Locking Flush Mount Receptacles

Orange-bodied receptacles are isolated ground

Blue-bodied receptacles are ideal for data centers

Yellow-bodied receptacles are ideal for locations requiring corrosion-resistance

Black-bodied receptacles are standard



Red-bodied receptacles are ideal for health care facilities

Features & Benefits:

- Single-piece contacts for superior conductivity
- Valox® and Nylon construction for endurance and resistance to impact and abuse
- Nickel-plated brass external clamps
- Triple head brass #10 terminal screws for faster, more secure installation
- Fed Spec listing
- Flammability rated V-0 per UL 94

Features

V-0-MAX® Industrial Grade Locking Flush Mount Receptacles

Engineered for maximum performance with a UL 94 V-0 Flammability Rating*



Stamped-in agency certifications

Device configuration molded into face for easy identification when replacement is required

COLOR-CODED VOLTAGE RATINGS‡	125V	250V	277V AC	125/250V	480V	600V

Color-coded voltage rating ring facilitates easy identification of mating plugs‡

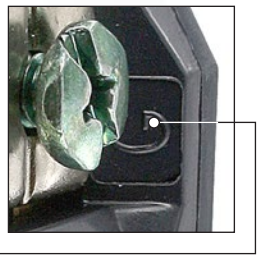
Uni-body face with stability ribs provides unparalleled impact resistance

‡ Also available in all black, without colored voltage ring on face

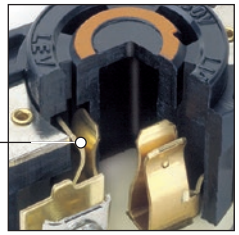


Molded-in terminal identification letters for ease of wiring

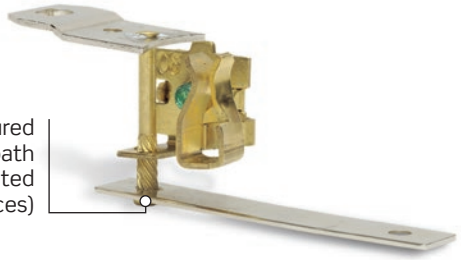
External nickel-plated brass clamps accept #8 to #14 solid or stranded conductors for back and side wiring



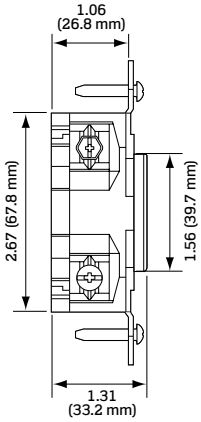
One-piece, .040" thick brass, high-copper content contacts with nickel-plated clamp type terminals



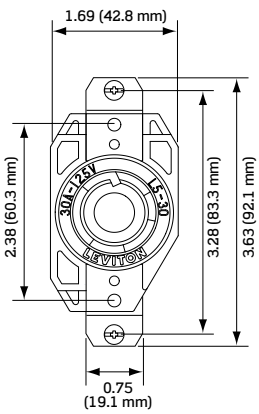
Mechanically-secured all-brass ground path (Non-Isolated Ground Devices)



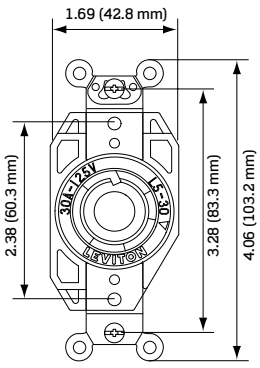
Dimensions



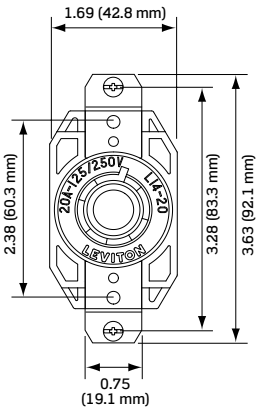
Side View: Typical for All 3 & 4 Wire Devices



Front View: 3-Wire Devices



Front View: 3-Wire Isolated Ground Devices

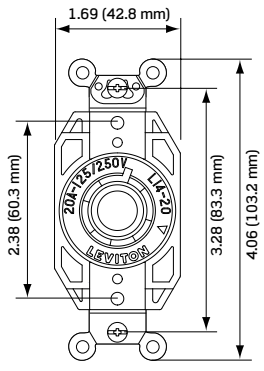


Front View: 4-Wire Devices

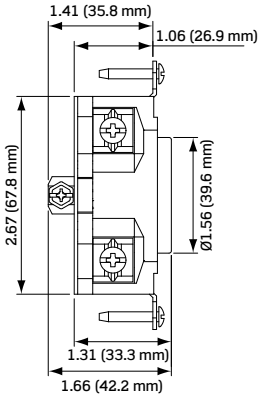
Specifications

	Standard	Isolated Ground	Corrosion-Resistant
Electrical Specifications			
Dielectric Voltage	Withstands 2000V per UL498	Withstands 2000V per UL498	Withstands 2000V per UL498
Current Limiting	Full Rated Current	Full Rated Current	Full Rated Current
Temperature Rise	Max 30C after 250 cycles OL at 200 percent rated current	Max 30C after 250 cycles OL at 200 percent rated current	Max 30C after 250 cycles OL at 200 percent rated current
Environmental Specifications			
Flammability Classification*	Rated V-0 per UL94	Rated V-0 per UL94	Rated V-0 per UL94
Operating Temperature	-40C to 60C	-40C to 60C	-40C to 60C
Material Specifications			
Body Material	Nylon 66/6 Polyamide (Black devices); Valox (Blue and Red devices)	PC/PBT (Orange devices)	Valox (Yellow devices)
Back Cover Material	PC/PBT	PC/PBT	PC/PBT
Strap	Nickel-Plated Brass	Nickel-Plated Brass	Nickel-Plated Brass
Line Contacts	Brass	Brass	Nickel-Plated Brass
Ground Contacts	Brass	Brass	Nickel-Plated Brass
Terminal Screws	Chromated Brass	Chromated Brass	Nickel-Plated Brass
Terminal Clamps	Zinc-Plated Brass	Zinc-Plated Brass	Nickel-Plated Brass
Grounding Screw	Chromated Brass	Chromated Brass	Chromated Brass
Grounding Clip	—	Nickel-Plated Brass	—
Mechanical Specifications			
Terminal Accom	#14 - #8 AWG	#14 - #8 AWG	#14 - #8 AWG
Termination	Back & Side Wired	Back & Side Wired	Back & Side Wired
Terminal ID	Marked on device	Marked on device	Marked on device
Product ID	Ratings and NEMA I.D. permanently marked on device	Ratings and NEMA I.D. permanently marked on device	Ratings and NEMA I.D. permanently marked on device
Standards and Certifications			
NEMA	WD-1 & WD-6	WD-1 & WD-6	WD-1 & WD-6
ANSI	C-73	C-73	C-73
UL498	498	498	498
UL Fed Spec	W-C-596	W-C-596	W-C-596
CSA	C22.2 No. 42	C22.2 No. 42	C22.2 No. 42
NOM	057	057	057
Warranty			
Product Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime

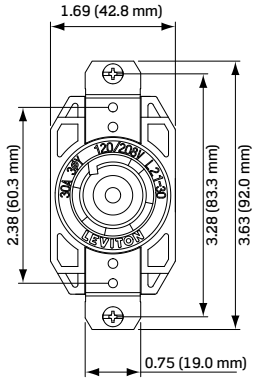
* FLAMMABILITY CLASSIFICATIONS
The UL 94 20mm Vertical Burning Test compares plastic materials in terms of three burning characteristics: Relative Speed of Burning, Ability to Extinguish Fire and Inability to Propagate Fire. The V-0-MAX Receptacle materials have earned the best rating possible: V-0.



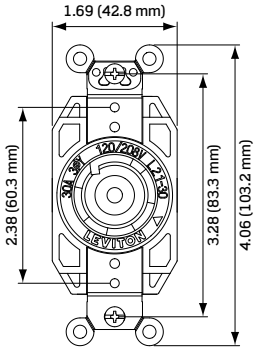
Front View:
4-Wire Isolated
Ground Devices



Side View: Typical for
All 5 Wire Devices



Front View:
5-Wire Devices



Front View:
5-Wire Isolated
Ground Devices

V-0-MAX®
Ordering Information



POLES/ WIRES	AMPS	VOLTS	NEMA	V-0-MAX RECEPTACLES		
				Standard	Isolated Ground	Corrosion-Resistant
2-Pole, 3-Wire, Grounding	20	125 V	L5-20	2310*‡	2310-IG	23CM-10
		250 V	L6-20	2320*‡	2320-IG	23CM-20
		277 V AC	L7-20	2330	2330-IG	23CM-30
		480 V AC	L8-20	2340	2340-IG	—
		600 V AC	L9-20	2350	2350-IG	—
	30	125 V	L5-30	2610*‡	2610-IG	26CM-10
		250 V	L6-30	2620*‡	2620-IG	26CM-20
		277 V AC	L7-30	2630	2630-IG	—
		480 V AC	L8-30	2640	2640-IG	—
		600 V AC	L9-30	2650	2650-IG	—
3-Pole, 3-Wire	20	125/250 V	L10-20	2360	—	—
		3Ø 250 V	L11-20	2370	—	—
		3Ø 480 V	L12-20	2380	—	—
	30	125/250 V	L10-30	2660	—	—
		3Ø 250 V	L11-30	2670	—	—
		3Ø 480 V	L12-30	2680	—	—
		3Ø 600 V	L13-30	2690	—	—
3-Pole, 4-Wire, Grounding	20	125/250 V	L14-20	2410*	2410-IG	24CM-10
		3Ø 250 V	L15-20	2420	2420-IG	24CM-20
		3Ø 480 V	L16-20	2430	2430-IG	24CM-30
	30	125/250 V	L14-30	2710*	2710-IG	27CM-10
		3Ø 250 V	L15-30	2720	2720-IG	27CM-20
		3Ø 480 V	L16-30	2730	2730-IG	27CM-30
		3Ø 600 V	L17-30	2740	2740-IG	—
4-Pole, 4-Wire	20	3ØY 120/208 V	L18-20	2440	—	—
		3ØY 277/480 V	L19-20	2450	—	—
		3ØY 347/600 V	L20-20	2460	—	—
	30	3ØY 120/208 V	L18-30	2750	—	—
		3ØY 277/480 V	L19-30	2760	—	—
		3ØY 347/600 V	L20-30	2770	—	—
4-Pole, 5-Wire, Grounding	20	3ØY 120/208 V	L21-20	2510	2510-IG	—
		3ØY 277/480 V	L22-20	2520	2520-IG	—
		3ØY 347/600 V	L23-20	2530	2530-IG	—
	30	3ØY 120/208 V	L21-30	2810	2810-IG	—
		3ØY 277/480 V	L22-30	2820	2820-IG	—
		3ØY 347/600 V	L23-30	2830	2830-IG	—

NOTES: * Add -R to catalog number for RED (Example: 2310-R) | ‡ Add -BU to calalog number for BLUE

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