

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



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



Red-bodied receptacles are ideal for health care facilities

Features

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

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

COLOR-CODED VOLTAGE RATINGS*



125V



250V



277V AC



125/250V



480V



600V

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

Stamped-in agency certifications

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

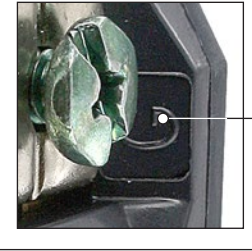
Uni-body face with stability ribs provides unparalleled impact resistance

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

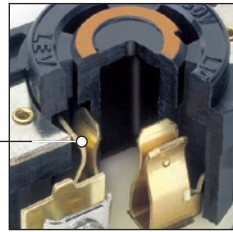


Molded-in terminal identification letters for ease of wiring

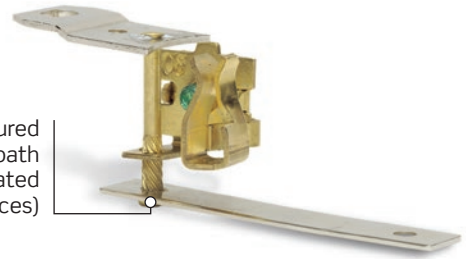
External nickel-plated brass clamps accept #8 to #14 solid or stranded conductors for back and side wiring



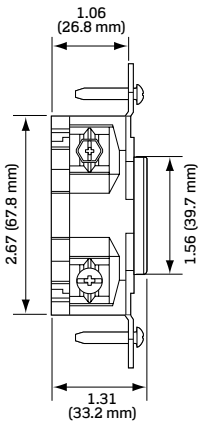
One-piece, .040" thick brass, high-copper content contacts with nickel-plated clamp type terminals



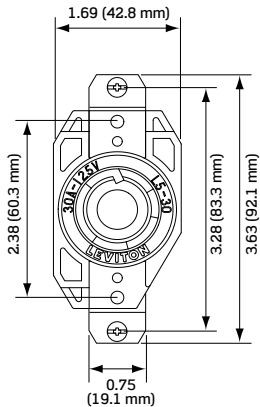
Mechanically-secured all-brass ground path (Non-Isolated Ground Devices)



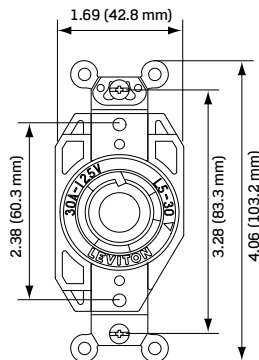
Dimensions



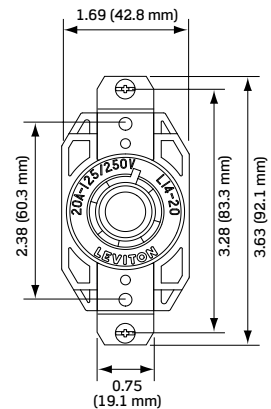
Side View: Typical for All 3 & 4 Wire Devices



Front View: 3-Wire Devices



Front View: 3-Wire Isolated Ground Devices



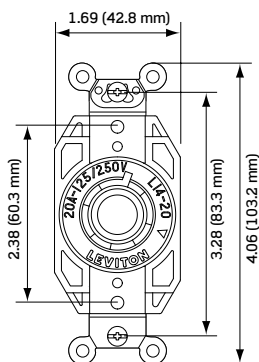
Front View: 4-Wire Devices

Specifications

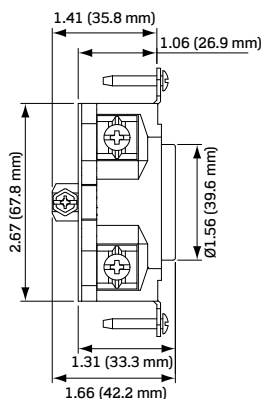
| | Standard | Isolated Ground | Corrosion-Resistant |
|-------------------------------------|--|--|--|
| Electrical Specifications | | | |
| Dielectric Voltage | Withstands 2000V per UL498 | Withstands 2000V per UL498 | Withstands 2000V per UL498 |
| Current Limiting | Full Rated Current | Full Rated 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**

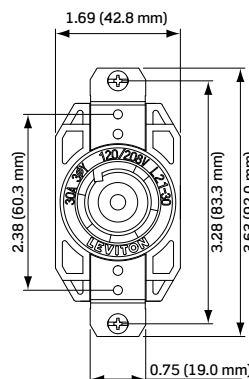
The UL 94 20mm Vertical Burning Test compares plastic materials in terms of three burning characteristics: Relative Speed of Burning, Ability to Extinguish Fire and Inability to Propagate Fire. The V-0-MAX Receptacle materials have earned the best rating possible: V-0.



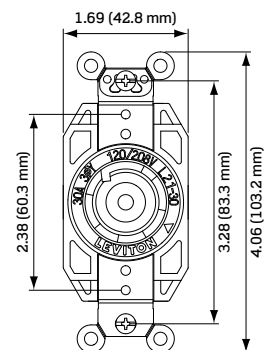
Front View:
4-Wire Isolated
Ground Devices



Side View: Typical for
All 5 Wire Devices



Front View:
5-Wire Isolated
Ground 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 catalog number for BLUE

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