The Leviton Load Center Meter Main

UG/OH Service Entrance with Distribution Section and Feed-thru Lugs

Cat. No LS815-BTD*

APPLICATION

Leviton Load Center Meter Main Panels combine the Meter and Main Breaker into one easy-to-install unit. Each Meter Main includes 8 spaces to enable easy wiring of outdoor circuits. As the first GFCI circuit breakers on the market that meet the newest/May 2021 UL requirements[1], Leviton GFCIs set the bar for home safety.

FEATURES AND BENEFITS

- NEMA 3R
- MEG (Meter Equipment Group) approved options
- UL listed
- 22kA Interrupt Rating
- In Compliance with Standards UL 50, UL 50E, UL 67
- Powder Coated

FASTEST INSTALLATION – Wire the entire panel without a single circuit breaker in place. At final installation, simply plug on the breaker.

INTUITIVE – Circuit Breakers feature color indicators in the handle for operational status at-a-glance

SPACIOUS – Ample room for hands to move and work freely

[1] The UL943 standard no longer exempts GFCI circuit breakers from detecting and warning when the trip solenoid and/or switching semiconductor fails in the "open" state, rendering the GFCI circuit breaker incapable of tripping in response to a fault condition, resulting in complete loss of GFCI protection. However, the effective date of this requirement is 8/11/24. Leviton GFCIs have always met the more stringent safety requirement.

**Other meter main options available, see leviton.com/loadcenter*

Leviton Mfg. Co., Inc.
201 North Service Road, Melville, NY 11747 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538 www.leviton.com
© 2022 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

PRODUCT SPECIFICATIONS

Ringless Meter Main, UG/OH Service Entrance with Horn Bypass, Distribution Section and Feed-Through Lugs

Amp Rating	# of Spaces/Circuits	Catalog Number	Bypass	Cover
150	8	LS815-BHD	Horn	Ringless
200	8	LS820-BHD	Horn	Ringless

SPECIFICATIONS
Warranty: 10-Year Limited

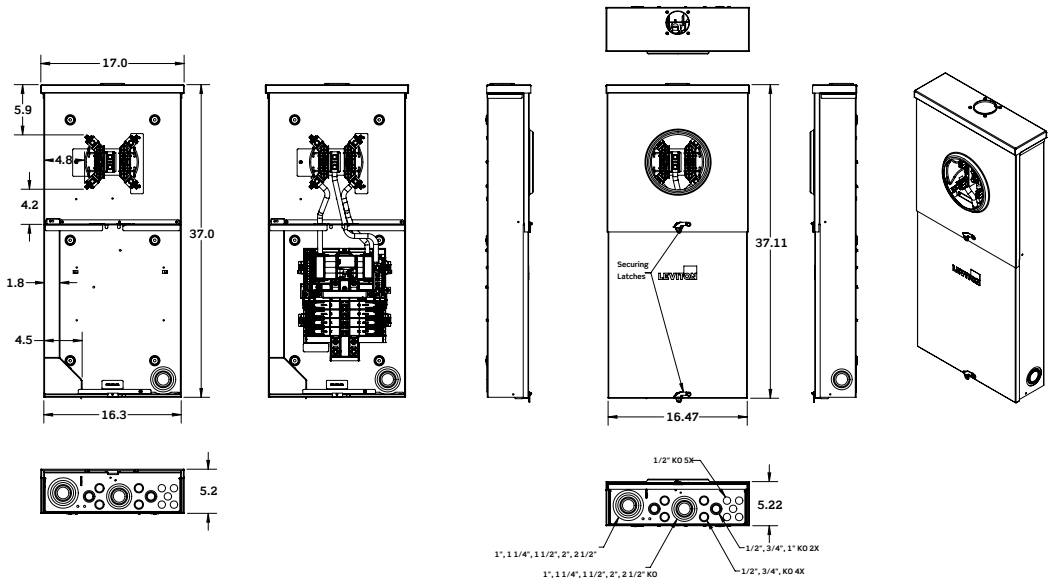
ELECTRICAL SPECIFICATIONS
Short Circuit Current Rating: 22 KA
Spaces/Circuits: 8/8
Type: Outdoor
Type of Load Center: Meter Main
Voltage: 120/240 VAC
Busbar rating (all panels): 225A

MECHANICAL SPECIFICATIONS
Busbar Material: Copper, Bright Tin-Plated
Enclosure Material: Galvanized Steel, Gray Baked Enamel
Ground Connection: 4 AWG - 2/0 AWG Cu/Al
Material: Galvanized Steel
Supply Connections: 6 AWG – 350 MCM
Weight: 56.8 lbs

STANDARDS & CERTIFICATIONS
UL 50: Yes
UL 50E: Yes
UL 67: Yes
UL 869A: Yes

ENVIRONMENTAL SPECIFICATIONS
NEMA Enclosure Type: NEMA 3R - Surface Mount Meter Main with Main Breaker
Operating Temperature: -40˚C to 70˚C

DIMENSIONAL DRAWINGS
Cat. No. LS815-BHD, LS820-BHD
Meter Socket Over/Under Construction – 150 & 200 Ampere, Ringless Type with Horn Bypass 5th Jaw Installed
Dimensions: 37.11" H x 16.47" W x 5.2" D



PRODUCT SPECIFICATIONS

Ringless Meter Main, UG/OH Service Entrance with Lever Bypass, Distribution Section and Feed-Through Lugs

Amp Rating	# of Spaces/Circuits	Catalog Number	Bypass	Cover
150	8	LS815-BLD	Lever	Ringless
200	8	LS820-BLD	Lever	Ringless
150	8	LS815-B5D	Lever with 5th Jaw Installed	Ringless
200	8	LS820-B5D	Lever with 5th Jaw Installed	Ringless

SPECIFICATIONS
Warranty: 10-Year Limited

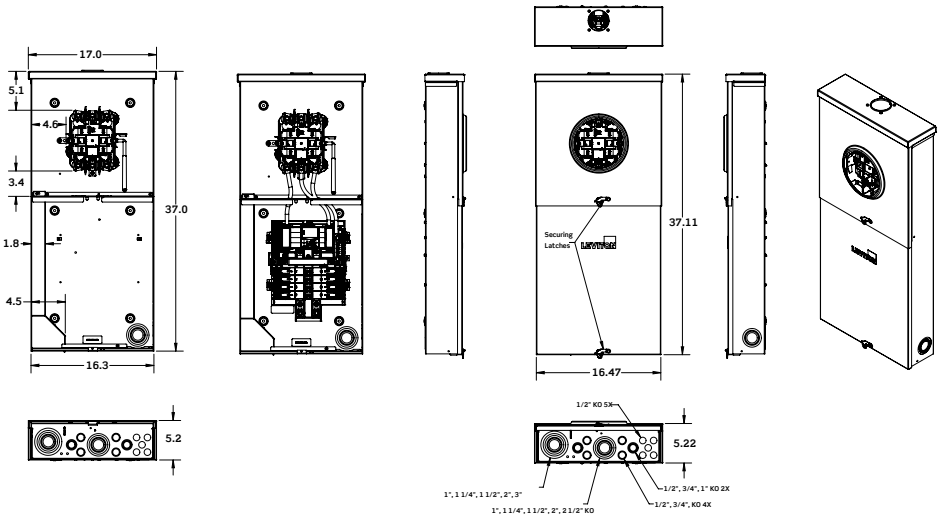
ELECTRICAL SPECIFICATIONS
Short Circuit Current Rating: 22 KA
Spaces/Circuits: 8/8
Type: Outdoor
Type of Load Center: Meter Main
Voltage: 120/240 VAC
Busbar rating (all panels): 225A

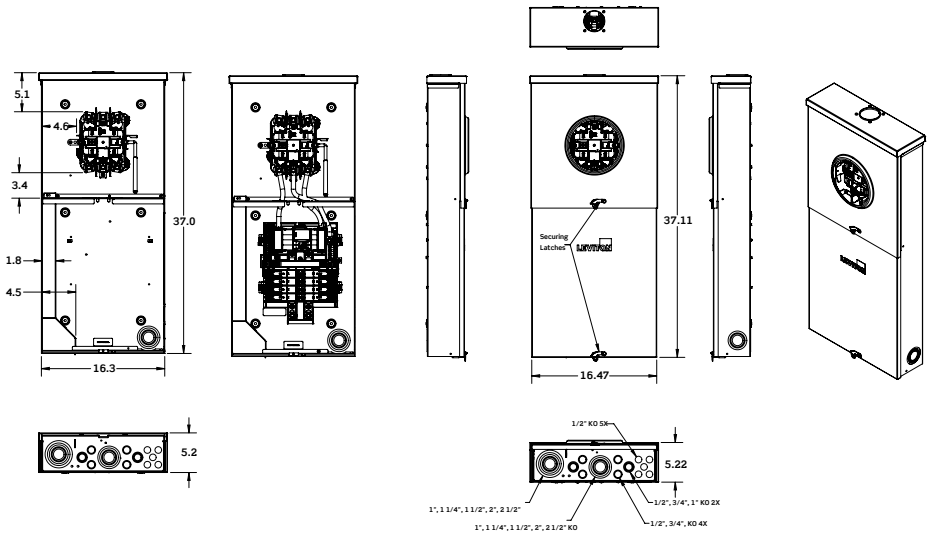
MECHANICAL SPECIFICATIONS
Busbar Material: Copper, Bright Tin-Plated
Enclosure Material: Galvanized Steel, Gray Baked Enamel
Ground Connection: 4 AWG - 2/0 AWG Cu/Al
Material: Galvanized Steel
Supply Connections: 6 AWG – 350 MCM
Weight: 56.8 lbs

STANDARDS & CERTIFICATIONS
UL 50: Yes
UL 50E: Yes
UL 67: Yes
UL 869A: Yes
MEG (Meter Equipment Group) approved

ENVIRONMENTAL SPECIFICATIONS
NEMA Enclosure Type: NEMA 3R - Surface Mount Meter Main with Main Breaker
Operating Temperature: -40˚C to 70˚C

DIMENSIONAL DRAWINGS
Cat. No. LS815-BLD, LS820-BLD, LS815-B5D, LS820-B5D
Meter Socket Over/Under Construction – 150 & 200 Ampere, Ringless Type with Lever Bypass
Dimensions: 37.11" H x 16.47" W x 5.2" D





PRODUCT SPECIFICATIONS

Ring-Type Meter Main, UG/OH Service Entrance with Distribution Section and Feed-Through Lugs

Amp Rating	# of Spaces/Circuits	Catalog Number	Bypass	Cover
150	8	LS815-BRD	None	Ring-Type
200	8	LS820-BRD	None	Ring-Type

SPECIFICATIONS
Warranty: 10-Year Limited

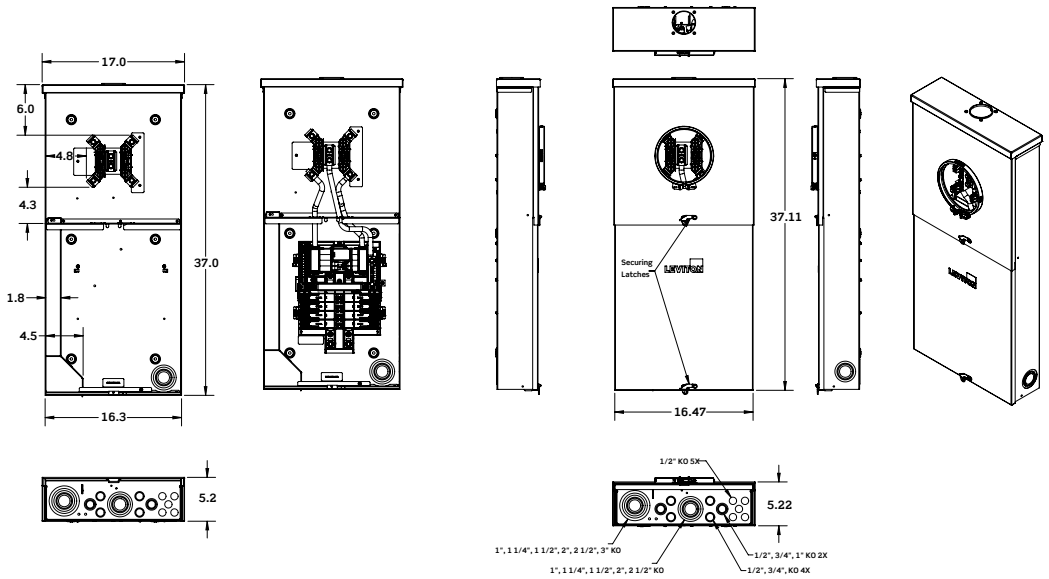
ELECTRICAL SPECIFICATIONS
Short Circuit Current Rating: 22 KA
Spaces/Circuits: 8/8
Type: Outdoor
Type of Load Center: Meter Main
Voltage: 120/240 VAC
Busbar rating (all panels): 225A

MECHANICAL SPECIFICATIONS
Busbar Material: Copper, Bright Tin-Plated
Enclosure Material: Galvanized Steel, Gray Baked Enamel
Ground Connection: 4 AWG - 2/0 AWG Cu/Al
Material: Galvanized Steel
Supply Connections: 6 AWG – 350 MCM
Weight: 56.8 lbs

STANDARDS & CERTIFICATIONS
UL 50: Yes
UL 50E: Yes
UL 67: Yes
UL 869A: Yes

ENVIRONMENTAL SPECIFICATIONS
NEMA Enclosure Type: NEMA 3R - Surface Mount Meter Main with Main Breaker
Operating Temperature: -40˚C to 70˚C

DIMENSIONAL DRAWINGS
Cat. No. LS815-BRD, LS820-BRD
Meter Socket Over/Under Construction – 150 & 200 Ampere, Ring-Type, No Bypass
Dimensions: 37.11" H x 16.47" W x 5.2" D



PRODUCT SPECIFICATIONS

Ringless Meter Main, UG/OH Service Entrance with Distribution Section, Internal Trough with Top Exit and Feed-Through Lugs

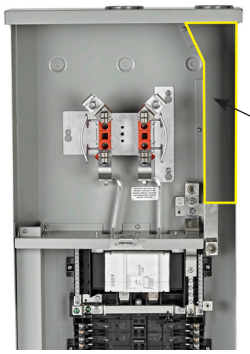
Amp Rating	# of Spaces/Circuits	Catalog Number	Bypass	Cover
150	8	LS815-BTD	None	Ringless
200	8	LS820-BTD	None	Ringless

SPECIFICATIONS
Warranty: 10-Year Limited

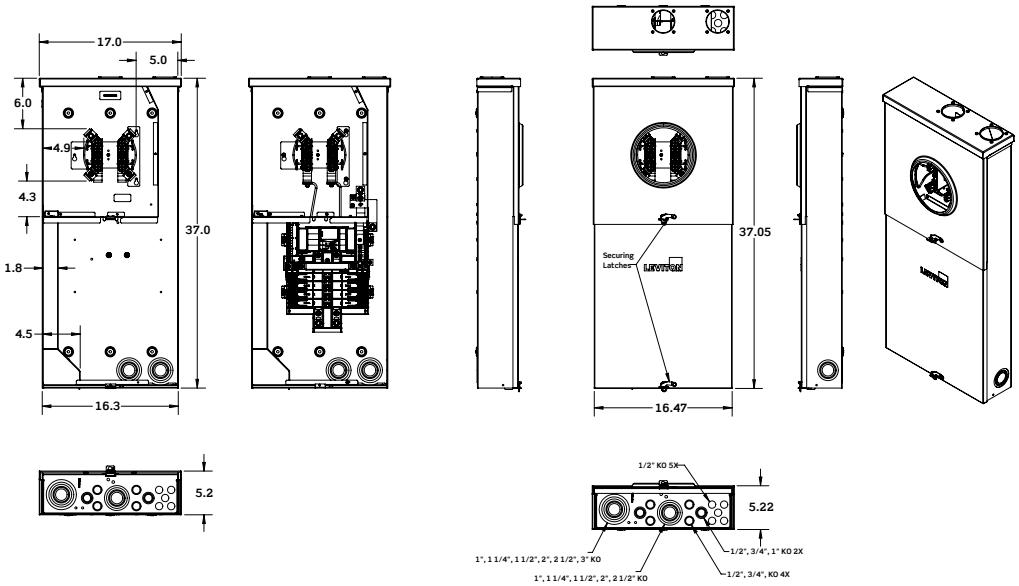
ELECTRICAL SPECIFICATIONS
Short Circuit Current Rating: 22 KA
Spaces/Circuits: 8/8
Type: Outdoor
Type of Load Center: Meter Main
Voltage: 120/240 VAC
Busbar rating (all panels): 225A

MECHANICAL SPECIFICATIONS
Busbar Material: Copper, Bright Tin-Plated
Enclosure Material: Galvanized Steel, Gray Powder Coated
Ground Connection: 4 AWG - 2/0 AWG Cu/Al
Material: Galvanized Steel
Supply Connections: 6 AWG – 350 MCM
Weight: 56.8 lbs.

STANDARDS & CERTIFICATIONS
UL 50: Yes
UL 50E: Yes
UL 67: Yes
UL 869A: Yes
MEG (Meter Equipment Group) approved



DIMENSIONAL DRAWINGS
Cat. No. LS815-BTD, LS820-BTD
Meter Socket Over/Under Construction - 150 & 200 Ampere, Ringless Type
Dimensions: 37.05" x 16.47" with cover and door installed



Leviton Manufacturing Co., Inc.
Tech Line: 1-800-824-3005
Mon-Fri 8am-10pm EST, Saturday 9am-7pm EST, Sunday 9am-5pm EST
For 24/7 product support visit **www.leviton.com/support**

Visit our Website at: www.leviton.com/loadcenter

© 2022 Leviton Manufacturing Co., Inc. All rights reserved.
All trademarks are the property of their respective owners.

GR-102722B-dp