

D

Microelectric® - Meter sockets



—
D

Microelectric - Meter sockets

Table of contents

Section D

| | |
|--|------|
| 20 A 600 V – CL, CT, CT-SWL series | D4 |
| 100 A 600 V – BA3 series | D6 |
| 100 A 600 V king size – BE1 series | D8 |
| 100 A per position 200 A 600 V – BE2, BEC series | D9 |
| 100 A 600 V polyphase – PL17 series | D11 |
| 100 A 120/240 V – CO1 series | D12 |
| 100 A per position 120/240 V – CO1 multi-gang | D13 |
| 100 A 120/240 V – HD series | D15 |
| Highly corrosion-resistant meter sockets | D16 |
| 200 A 600 V – BQ, BP, BS2, MO2 series | D18 |
| 200 A per position 200 A 600 V – BD, BDA, BDC, BS4 series | D30 |
| 200 A per position 400 A 600 V – BSC4-G series | D34 |
| 200 A 600 V polyphase – PL27 series | D35 |
| 200 A 120/240 V – PE2-CS unit pedestal | D36 |
| 200 A 120/240 V – CO2 series | D37 |
| 200 A 120/240 V – CO22, CO23, CO24 series | D41 |
| 200 A 120/240 V – CO22-U, CO23-U, CO24-U series | D43 |
| 400 A 120/240 V – CO42 series | D45 |
| 200 A 120/208 V – CO27 series | D47 |
| 320 A 600 V – BP320 series | D49 |
| 400 A 600 V – FA4B-6T | D51 |
| 400 A 120/240 V – JS4 series | D52 |
| Typical wiring diagrams | D55 |
| Accessories | D57 |
| Meter covers | D66 |
| Service masts | D67 |
| Pole line hardware | D78 |
| Carlson nonmetallic conduits | D88 |
| Carlson PV-Mold™ | D91 |
| EZGround grounding systems | D96 |
| EZGround types of connectors | D104 |

CL Series

20 A 600 V; transformer rated

Product specifications

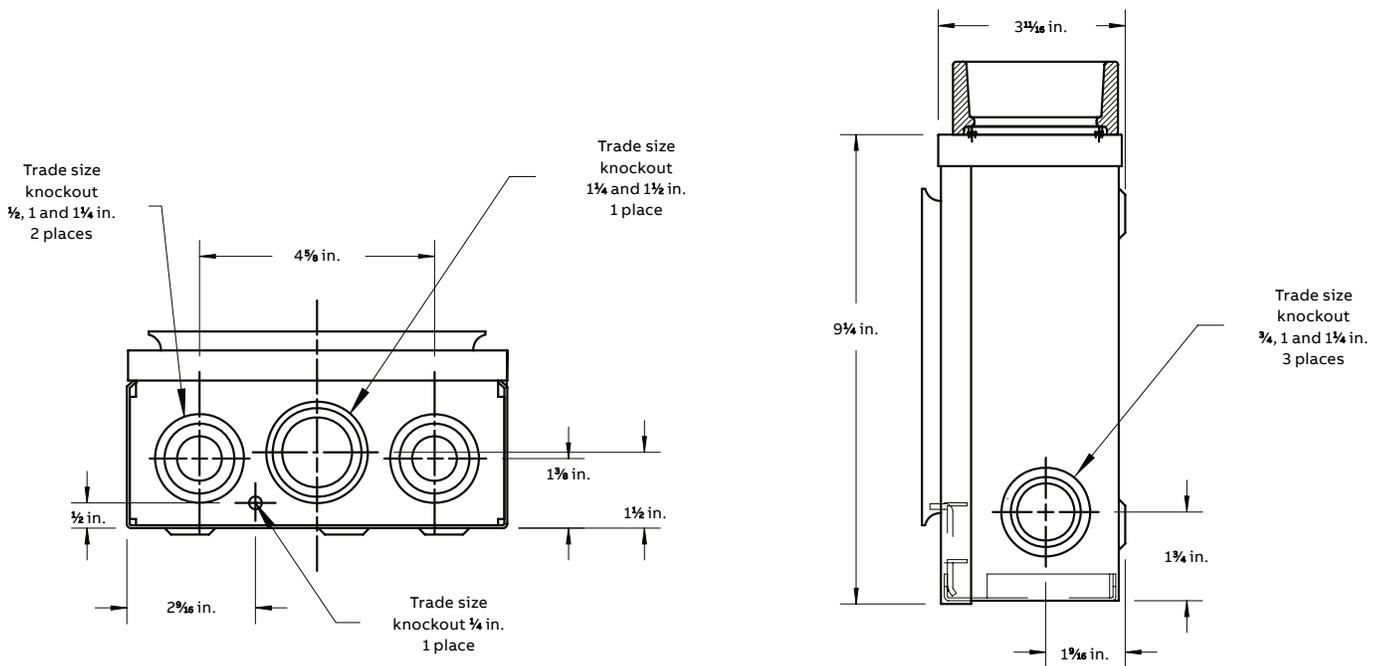
- Conductor range: 14–10 AWG
- Aluminum tunnel type connectors for both load and line sides
- Circuit closing feature to short out current transformer upon removal of meter
- For overhead hub opening only
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Sask., Man., N.B., N.S., P.E.I., Nfld.



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------|---|------------------|-----------------|------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| CL4-V | Circuit closing on left side | 9 $\frac{3}{4}$ | 7 $\frac{5}{8}$ | 3 $\frac{1}{16}$ | 7 | 3.1 |
| CL4-TV | Circuit closing on left side, no hub opening | | | | | |
| 5 Jaw | | | | | | |
| CL5-V | Circuit closing on left side (Lower right hand jaw is a support only) | 9 $\frac{3}{4}$ | 7 $\frac{5}{8}$ | 3 $\frac{1}{16}$ | 7 | 3.1 |
| 6 Jaw | | | | | | |
| CL6-LRV | Circuit closing both left and right sides | 9 $\frac{3}{4}$ | 7 $\frac{5}{8}$ | 3 $\frac{1}{16}$ | 7 | 3.1 |



Diagrams



CT Series

20 A 600 V; transformer rated with compartment for test switch

Product specifications

- Conductor range: 14–10 AWG
- Tunnel type connectors for both load and line sides
- For underground service only
- Meter compartment cover overlaps lower test switch compartment cover; insertion of meter securely holds upper cover in place by means of a catch
- Lower test switch compartment cover securely held by upper cover and a catch at bottom
- A removable mounting bridge is provided for fastening test switch
- Supplied with screw type ring
- Primarily used in: AB, Sask., Man., Ont., N.B., N.S., P.E.I.



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|---------------|---|------------------|--------------------|------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| CT104 | Unwired unit with test switch provision | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 16 | 7.2 |
| 5 Jaw | | | | | | |
| CT105 | Unwired unit with test switch provision | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 16 | 7.2 |
| 8 Jaw | | | | | | |
| CT108 | Unwired unit with test switch provision | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 18 | 8.1 |
| 13 Jaw | | | | | | |
| CT113 | Unwired unit with test switch provision | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 19 | 8.6 |



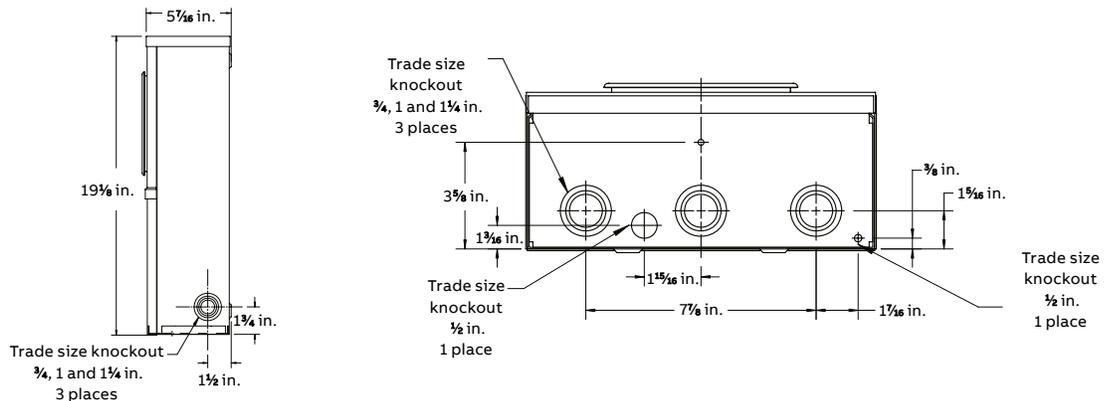
Lower test switch compartment cover securely held by upper cover and a lockout device with an enlarged pad hole (0.375 in. dia.)



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|---------------|---|------------------|--------------------|------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 5 Jaw | | | | | | |
| CT105-L | BC Hydro approved with SWL cover with enlarged padlock hole | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 16 | 7.2 |
| 8 Jaw | | | | | | |
| CT108-L | BC Hydro approved with SWL cover with enlarged padlock hole | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 18 | 8.1 |
| 13 Jaw | | | | | | |
| CT113-L | BC Hydro approved with SWL cover with enlarged padlock hole | 19 $\frac{3}{8}$ | 11 $\frac{13}{16}$ | 5 $\frac{1}{16}$ | 19 | 8.6 |



Diagrams



CT-SWL Series

20 A 600 V; transformer rated with test switch

Product specifications

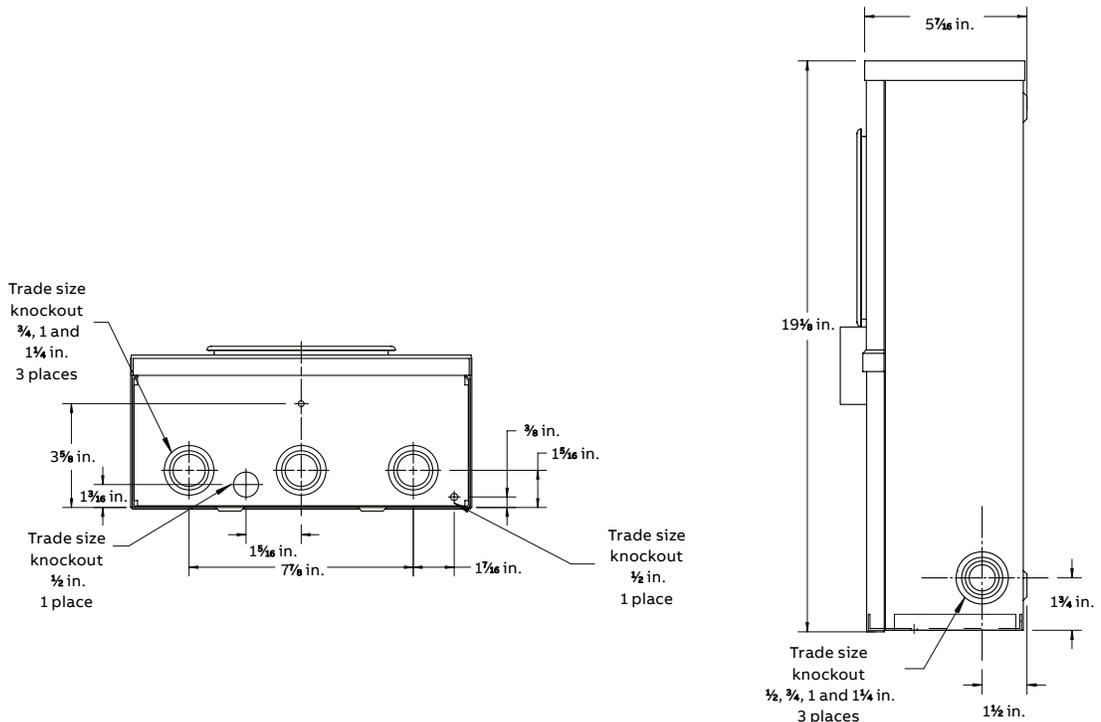
- Conductor range: 14–10 AWG
- Tunnel type connectors for both load and line sides
- For underground service only
- Lower test switch compartment cover securely held by upper cover and a lockout device with an enlarged pad hole (0.375 in. dia.)
- Test switch included as part of these models
- Units are prewired from base to test switch
- Furnished with tamper-resistant device for meter ring
- Weatherproof Type 3R enclosure



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|---------------|---|--------------------------------|----------------------------------|--------------------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| CT104-SWL | Factory prewired unit with lockout device on bottom door | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 18 | 8.2 |
| CT104-6SWL | Factory prewired unit with lockout device on bottom door (Enmax approved) 5 th jaw in 6 o'clock position | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 18 | 8.2 |
| CT104-5SWLHQ | Hydro-Québec approved 20 A current transformer meter socket | 18 | 8 ³ / ₄ | 4 ¹ / ₂ | 11 | 5.4 |
| CT105-SWLMH | Manitoba Hydro approved 20 A current transformer meter socket | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |
| 6 Jaw | | | | | | |
| CT106-SWL | Factory prewired unit with lockout device on bottom door | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |
| CT106-SWLNL | Newfoundland approved 20 A current transformer meter socket | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |
| CT108-SL | Epcor approved 20A current transformer meter socket | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |
| 13 Jaw | | | | | | |
| CT113-SWL | Factory prewired unit with lockout device on bottom door | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |
| CT113-SWLNL | Newfoundland approved 20 A current transformer meter socket | 19 ¹ / ₈ | 11 ¹⁹ / ₁₆ | 5 ⁷ / ₁₆ | 21 | 9.5 |



Diagrams



BA3 Series

100 A 600 V; shallow

Product specifications

- Conductor range: 6–2 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground
- Supplied with screw type ring

- Weatherproof Type 3R enclosure
- Primarily used in: All provinces

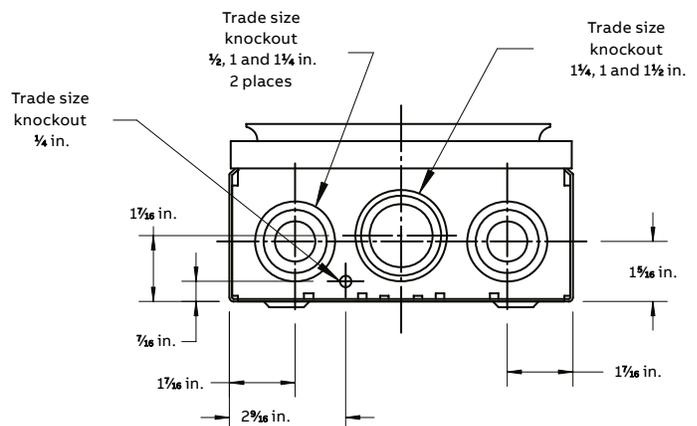
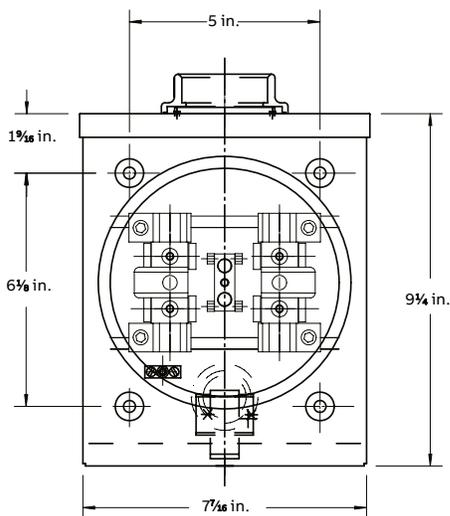
Note: Supply from an underground network often requires use of stud type connector. Consult your local utility.



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|------------------|--------|---------|-------------|--|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| BA3-V | Overhead, hub opening | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-INV | Overhead opening comes with insulated neutral | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-1V | Overhead, hub opening, comes with 1 in. hub | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-1 1/4V | Overhead, hub opening, comes with 1 1/4 in. hub | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-1 1/4INV | Overhead, hub opening comes with 1 1/4 in. hub and insulated neutral | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-TV | Underground | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-INTV | Underground come with insulated neutral | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-TCV | Combination overhead-underground | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA3-INTCV | combination overhead-underground come with insulated neutral | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA33-V | Overhead, twin hub opening | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA33-INV | Overhead, twin hub opening come with insulated neutral | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA33-1V | Overhead, twin hub opening comes with 1 in. hubs | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA33-1 1/4V | Overhead, twin hub opening, comes with 1 1/4 in. hubs | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| BA4-V | Indoor type, KO on top | 9 3/4 | 7 7/16 | 3 11/16 | 5 | 2.2 |
| Factory-installed accessories | | | | | | |
| Include: -IN | | | | | | Insulated neutral |
| -5 | | | | | | 5 th jaw, standard capacity, 9 o'clock position |
| -9 | | | | | | 5 th jaw, full capacity, 9 o'clock position |



Diagrams



BE1 Series

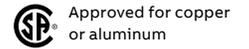
100 A 600 V; king size

Product specifications

- Conductor range: 6–1/0 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground

- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in all provinces

Note: Supply from an underground network often requires use of stud type connector. Consult your local utility.

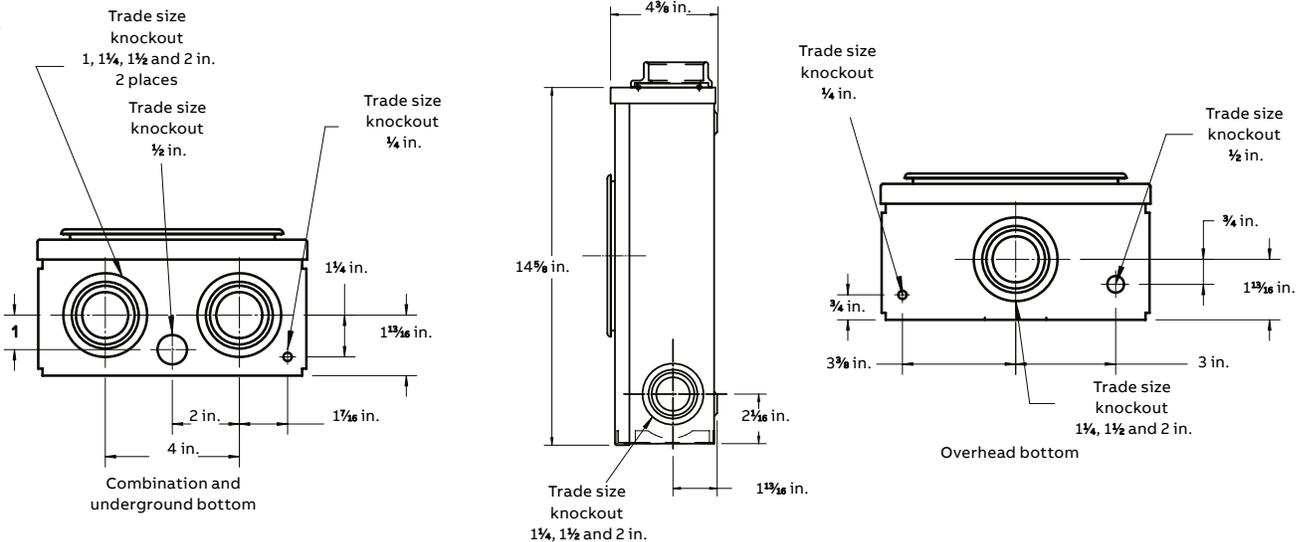


BE1-1 1/4V



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|--|-------------------------------|--------------------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| BE1-V | Overhead, hub opening | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-INV | Overhead, hub opening, comes with insulated neutral | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-1 1/4V | Overhead, hub opening, comes with 1 ¹ / ₄ in. hub | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-1 1/4INV | Overhead, hub opening comes with 1 ¹ / ₄ " hub and insulated neutral | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-1 1/2V | Overhead, hub opening, comes with 1 ¹ / ₂ in. hub | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-TV | Underground | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-INTV | Underground comes with insulated neutral | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-TCV | Combination overhead-underground | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-TCV-CR | Combination overhead-underground, corrosion resistant | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE1-INTCV | Combination overhead-underground comes with insulated neutral | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE11-V-CM | Overhead, twin hub opening | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE11-1 1/4V | Overhead, twin hub opening comes with 1 ¹ / ₄ in. hubs | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| BE11 1/4INV | Overhead, twin hub opening comes with 1 ¹ / ₄ in. hubs and insulated neutral | 14 ⁵ / ₁₆ | 8 ³ / ₄ | 4 ³ / ₁₆ | 8 | 3.6 |
| Factory-installed accessories | | | | | | |
| Include: -5 | | 5 th jaw, standard capacity, 9 o'clock position | | | | |
| -9 | | 5 th jaw, full capacity, 9 o'clock position | | | | |
| -6 | | 5 th jaw, full capacity, 6 o'clock position | | | | |
| -IN | | Insulated neutral | | | | |
| -W | | Water heater lugs | | | | |

Diagrams



BE2 Series

200 A (main lugs) 600 V; multiple position – 100 A per position stud type

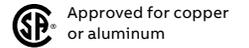


BE6-V

NOTE: Supply from an underground network often requires use of stud type connector. Consult your local utility.

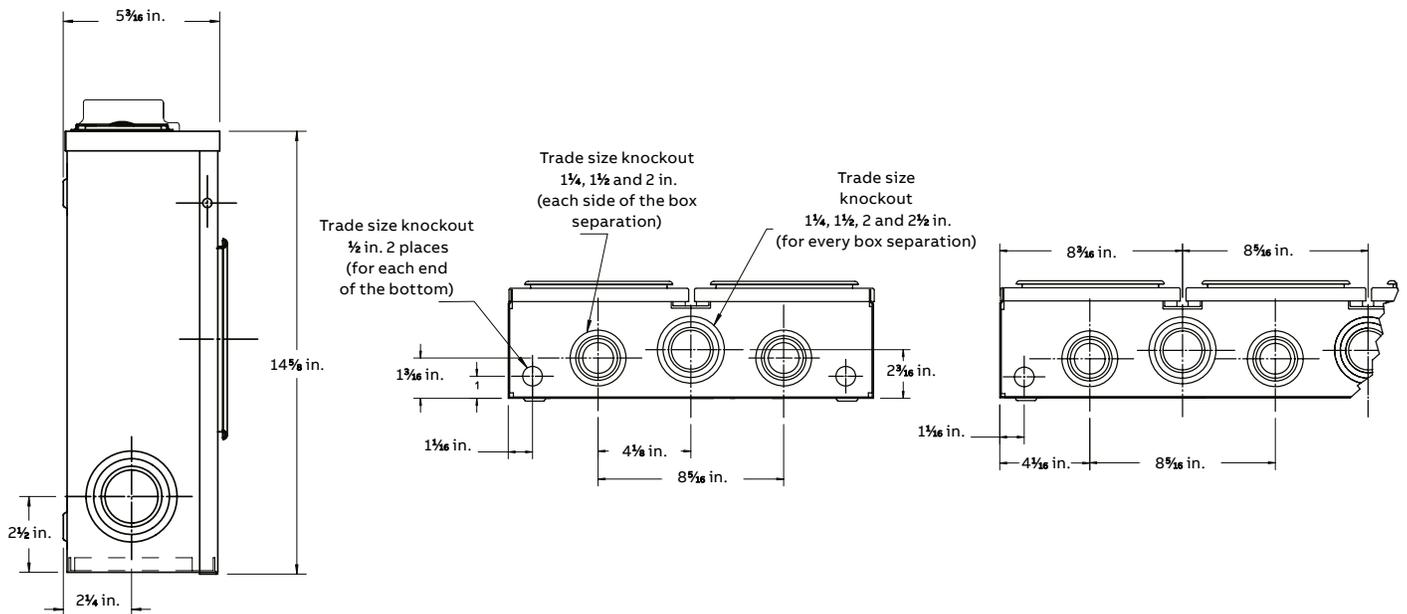
Product specifications

- Conductor range: line: 6 AWG–250 kcmil, load: 6–1/0 AWG
- Aluminum tunnel type connectors for both line and load sides
- Factory prebussed from main lugs to each position
- Combination overhead-underground supplied with hub opening closure plate for underground service
- Hubs to be ordered separately (refer to pages D57–D58)
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | |
|--------------------------------------|-------------------------|--|--------------------------------|----------------------------------|--------------------------------|---------|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| Left-hand entry | Right-hand entry | | | | | |
| BE2-V | BE2-VH | 2 position | 14 ⁵ / ₈ | 16 ¹ / ₂ | 5 ³ / ₁₆ | 18 8.1 |
| BE3-V | BE3-VH | 3 position | 14 ⁵ / ₈ | 24 ¹³ / ₁₆ | 5 ³ / ₁₆ | 26 11.8 |
| BE4-V | BE4-VH | 4 position | 14 ⁵ / ₈ | 33 ³ / ₈ | 5 ³ / ₁₆ | 34 15.4 |
| BE5-V | BE5-VH | 5 position | 14 ⁵ / ₈ | 41 ⁷ / ₁₆ | 5 ³ / ₁₆ | 42 19.0 |
| BE6-V | BE6-VH | 6 position | 14 ⁵ / ₈ | 49 ³ / ₄ | 5 ³ / ₁₆ | 50 22.7 |
| Factory-installed accessories | | | | | | |
| Include: | -5 | 5 th jaw, standard capacity, 9 o'clock position | | | | |

Diagrams



BEC Series

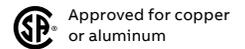
200 A (main lugs) 600V; multiple position – 100 A per position stud type



BEC2-V

Product specifications

- Conductor range: line: ½ in. studs supplied, load: 6–1/0 AWG
- Aluminum tunnel type connectors load side; stud ½ in. line side
- For underground service only
- Factory prebussed from main lugs to each position
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: B.C., *Sask. (extended enclosure), Man., Ont., Que.



| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | |
|--------------------------------------|-------------------------|--|---------|---------|-------------|---------|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| Left-hand entry | Right-hand entry | | | | | |
| BEC2-V | BEC2-VH | 2 position | 15 5/8 | 24 3/16 | 5 | 27 12.2 |
| BEC2-VA* | BEC2-VAH | 2 position comes with connector (tunnel type) | 15 5/8 | 24 3/16 | 5 | 27 12.2 |
| BEC2-VE* | BEC2-VEH | 2 position extended enclosure | 20 1/16 | 24 3/16 | 5 | 27 12.2 |
| BEC3-V | BEC3-VH | 3 position | 15 5/8 | 33 5/8 | 5 | 35 15.9 |
| BEC3-VA* | BEC3-VAH | 3 position comes with connector (tunnel type) | 15 5/8 | 33 5/8 | 5 | 35 15.9 |
| BEC3-VE* | - | 3 position extended enclosure | 20 1/16 | 33 5/8 | 5 | 35 15.9 |
| BEC4-V | BEC4-VH | 4 position | 15 5/8 | 41 1/16 | 5 | 43 19.5 |
| BEC4-VA* | BEC4-VAH | 4 position comes with connector (tunnel type) | 15 5/8 | 41 1/16 | 5 | 43 19.5 |
| BEC4-VE* | - | 4 position extended enclosure | 20 1/16 | 41 1/16 | 5 | 43 19.5 |
| BEC5-V | BEC5-VH | 5 position | 15 5/8 | 49 3/8 | 5 | 51 23.1 |
| BEC6-V | BEC6-VH | 6 position | 15 5/8 | 57 3/8 | 5 | 59 26.8 |
| Factory installed accessories | | | | | | |
| Include: | -5 | 5 th jaw, standard capacity, 9 o'clock position | | | | |

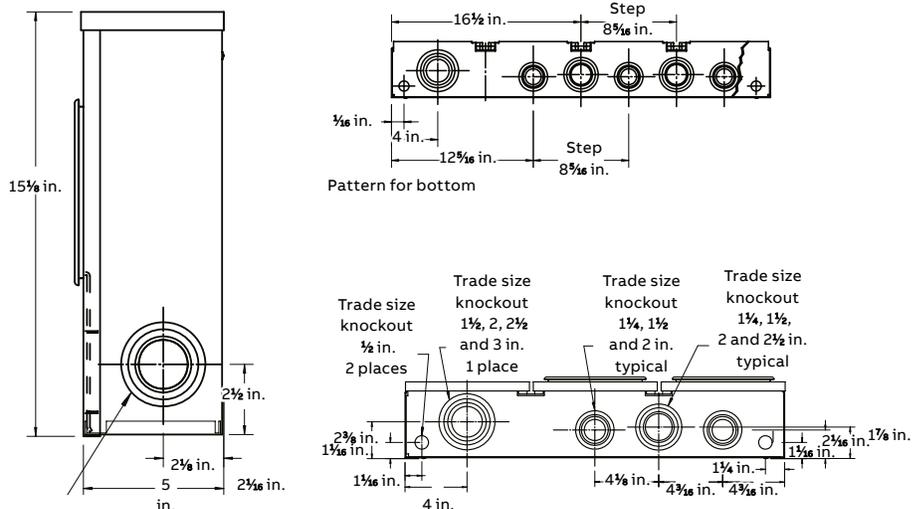
* Note: Models with suffix -VA and -VAH = tunnel type connectors on line side provided instead of studs (required by B.C. Hydro). Conductor range: line: 1–1/0 AWG, load: 6–1/0 AWG.

Cross reference

Underground meter required by BC Hydro standard

| Not accepted by BC Hydro for underground application | Required by BC Hydro for underground applications |
|--|---|
| BE2-V | BEC2-VA |
| BE3-V | BEC3-VA |
| BE4-V | BEC4-VA |
| BEC2-VH | BEC2-VAH |
| BEC3-VH | BEC3-VAH |
| BEC4-VH | BEC4-VAH |
| BEC2-V | BEC2-VA |
| BEC3-V | BEC3-VA |
| BEC4-V | BEC4-VA |
| BEC2-VH | BEC2-VAH |
| BEC3-VH | BEC3-VAH |
| BEC4-VH | BEC4-VAH |

Diagrams

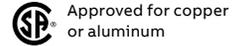


PL17 Series

100 A 600 V; polyphase

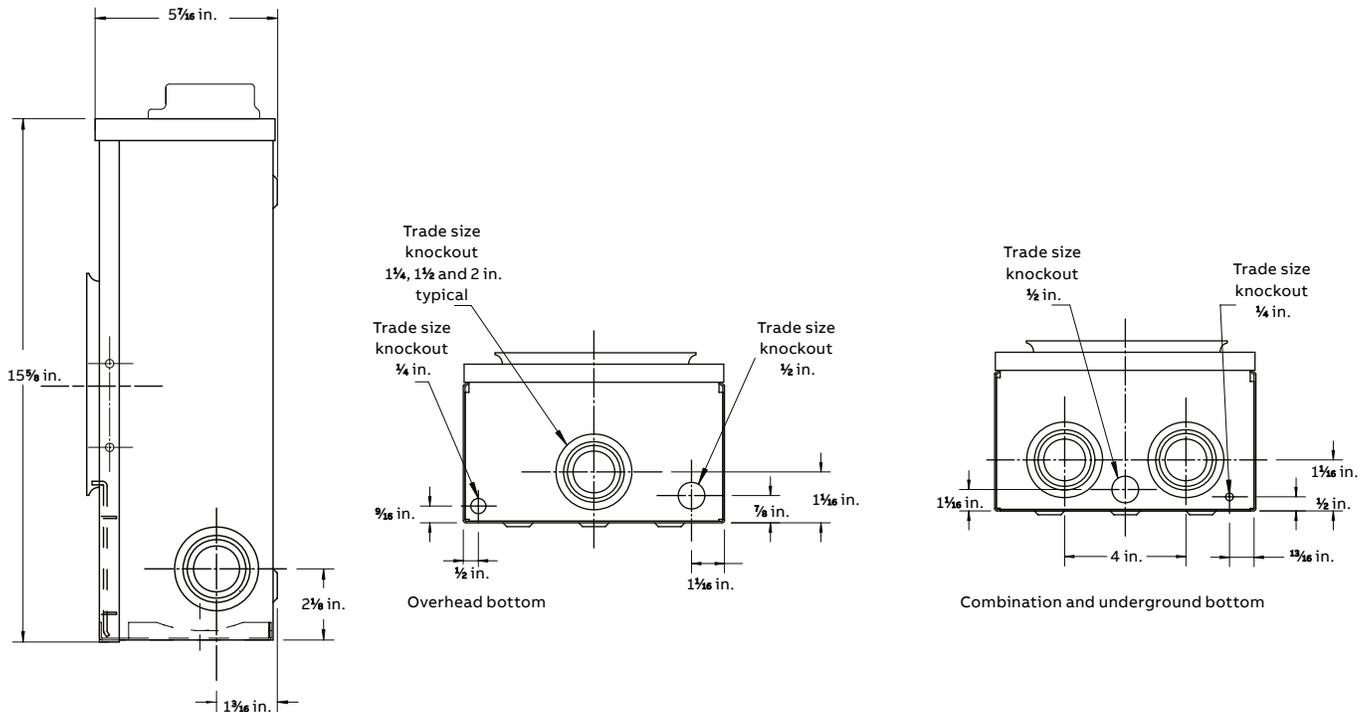
Product specifications

- Conductor range: 6–1/0 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| | Cat. no. | Description | Dimensions (in.) | | | Weight each | | |
|--------------|--------------------------------------|--|--------------------------------|--------------------------------|--------------------------------|-------------|-------------------|--|
| | | | H | W | D | lb | kg | |
| 7 Jaw | | | | | | | | |
| | PL17-INV | Overhead, hub opening | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-INV-HQ | Overhead, hub opening (Hydro-Québec approved) | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-INTV-HQ | Underground (Hydro-Québec spec) | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-INTCV | Combination overhead-underground | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-INTCV-HQ | Combination overhead-underground (Hydro-Québec approved) | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-V | Overhead, hub opening | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-TV | Underground | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | PL17-TCV | Combination overhead-underground | 15 ⁵ / ₈ | 8 ³ / ₁₆ | 5 ⁷ / ₁₆ | 12 | 5.4 | |
| | Factory-installed accessories | | | | | | | |
| | Include: -IN | | | | | | Insulated neutral | |

Diagrams



CO1 Series

100 A 120/240 V; combination with or without breaker

Product specifications

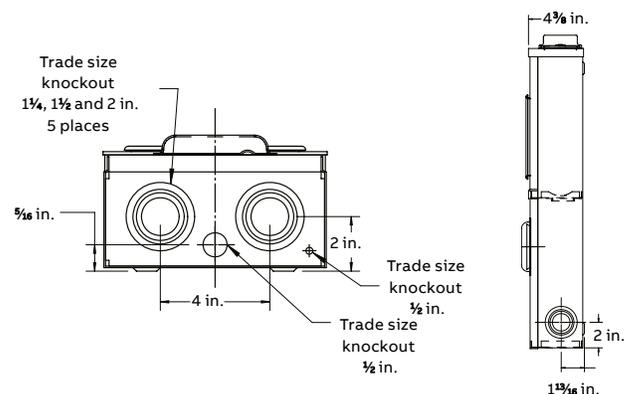
- Conductor range (line and load): 6–1/0 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead installation
- For underground installation, gutter option must be ordered (G)
- With factory-installed neutral conductor
- Suitable for 120/240 V single-phase service entrance for mobile homes, trailers, temporary services, recreational parks and other commercial and residential locations
- Bottom compartment has provision for 2 pole circuit breaker (max 100 A) 10 Ka breakers (22 kA breaker where indicated HI) Siemens (QP, QPH), Eaton (BR), GE (TQL). Only SQD (CHOM) breakers will fit units with suffix SD.
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces

 Approved for copper or aluminum

| | Cat. no. | Type | Description | Dimensions (in.) | | | Weight each | |
|--|-------------|-------------|---|------------------|----|----|-------------|-----|
| | | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | | |
|  | CO1 | Overhead | Provision for 2 pole 10 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-G | Underground | Provision for 2 pole 10 kA rated circuit breaker, complete with gutter | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-5V | Overhead | Provision for 2 pole 10 kA rated circuit breaker, comes with 5th jaw | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-60 | Overhead | Comes complete with 2 pole 60 A 10 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-60HI | Overhead | Comes complete with 2 pole 60 A 22 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-70 | Overhead | Comes complete with 2 pole 70 A 10 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-100 | Overhead | Comes complete with 2 pole 100 A 10 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-100G | Underground | Comes complete with 2 pole 100 A 10 kA rated circuit breaker, complete with gutter | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-100HI | Overhead | Comes complete with 2 pole 100 A 22 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-100HI-G | Underground | Comes complete with 2 pole 100 A 22 kA rated circuit breaker, complete with gutter | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-SD | Overhead | Provision for Square D type QO 2 pole 10 kA rated circuit breaker | 23½ | 8¼ | 4¾ | 15 | 6.8 |
| | CO1-SD-G | Underground | Provision for Square D type QO 2 pole 10 kA rated circuit breaker, complete with gutter | 23½ | 8¼ | 4¾ | 15 | 6.8 |

Note: Some local utilities require a gutter option for underground services. Order with suffix -G.

Diagrams



CO1 Multi-gang

200 A (main lugs), 100 A per position 120/240 V; multi-gang combination with or without breaker

CO12-100HI



| Cat. no. | Type | Description | Position | Dimensions (in.) | | | Weight Each | |
|--------------|-------------|--|----------|------------------|-----|----|-------------|-------|
| | | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | | |
| CO12 | Overhead | 2 Gang, Provision for 2 X 2 pole 10 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-100 | Overhead | 2 Gang, Comes complete with 2 X 2 pole 100 A 10 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-100-U | Underground | 2 Gang with blank compartment, comes complete with 2 x 2 pole 100 A 10 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-100HI | Overhead | 2 Gang Comes complete with 2 X 2 pole 100 A 22 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-100HI-U | Underground | 2 Gang with blank compartment, comes complete with 2 x 2 pole 100 A 22 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-SD | Overhead | 2 Gang, Provision for 2 x Square D type QO 2 pole 10 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO12-SD-U | Underground | 2 Gang with blank compartment, Provision for 2 x Square D type QO 2 pole 10 kA rated circuit breaker | 2 | 23½ | 16½ | 4¾ | 30 | 13.60 |
| CO13 | Overhead | 3 Gang, Provision for 3 X 2 pole 10 kA rated circuit breaker | 3 | 23½ | 24¾ | 4¾ | 45 | 20.41 |
| CO13-100 | Overhead | 3 Gang, Comes complete with 3 X 2 pole 100 A 10 kA rated circuit breaker | 3 | 23½ | 24¾ | 4¾ | 45 | 20.41 |
| CO13-100-U | Underground | 3 Gang with blank compartment, comes complete with 3 x 2 pole 100 A 10 kA rated circuit breaker | 3 | 23½ | 24¾ | 4¾ | 45 | 20.41 |
| CO13-100HI | Overhead | 3 Gang, Comes complete with 3 X 2 pole 100 A 22 kA rated circuit breaker | 3 | 23½ | 24¾ | 4¾ | 45 | 20.41 |
| CO13-100HI-U | Underground | 3 Gang with blank compartment, comes complete with 3 x 2 pole 100 A 22 kA rated circuit breaker | 3 | 23½ | 33½ | 4¾ | 45 | 20.41 |
| CO13-SD | Overhead | 3 Gang, Provision for 3 x Square D type QO 2 pole 10 kA rated circuit breaker | 3 | 23½ | 33½ | 4¾ | 45 | 20.41 |
| CO13-SD-U | Underground | 3 Gang with blank compartment, Provision for 3 x Square D type QO 2 pole 10 kA rated circuit breaker | 3 | 23½ | 33½ | 4¾ | 45 | 20.41 |
| CO14 | Overhead | 4 Gang, Provision for 4 X 2 pole 10 kA rated circuit breaker | 4 | 23½ | 33½ | 4¾ | 60 | 27.21 |
| CO14-100 | Overhead | 4 Gang, Comes complete with 4 X 2 pole 100 A 10 kA rated circuit breaker | 4 | 23½ | 33½ | 4¾ | 60 | 27.21 |
| CO14-100HI | Overhead | 4 Gang, Comes complete with 4 X 2 pole 100 A 22 kA rated circuit breaker | 4 | 23½ | 33½ | 4¾ | 60 | 27.21 |
| CO14-100HI-U | Underground | 4 Gang with blank compartment, comes complete with 4 x 2 pole 100 A 22 kA rated circuit breaker | 4 | 23½ | 41⅞ | 4¾ | 60 | 27.21 |
| CO14-SD | Overhead | 4 Gang, Provision for 4 x Square D type QO 2 pole 10 kA rated circuit breaker | 4 | 23½ | 41⅞ | 4¾ | 60 | 27.21 |
| CO14-SD-U | Underground | 4 Gang with blank compartment, Provision for 4 x Square D type QO 2pole 10 kA rated circuit breaker | 4 | 23½ | 41⅞ | 4¾ | 60 | 27.21 |

Note: For underground version, add suffix -U.

CO1 Multi-gang

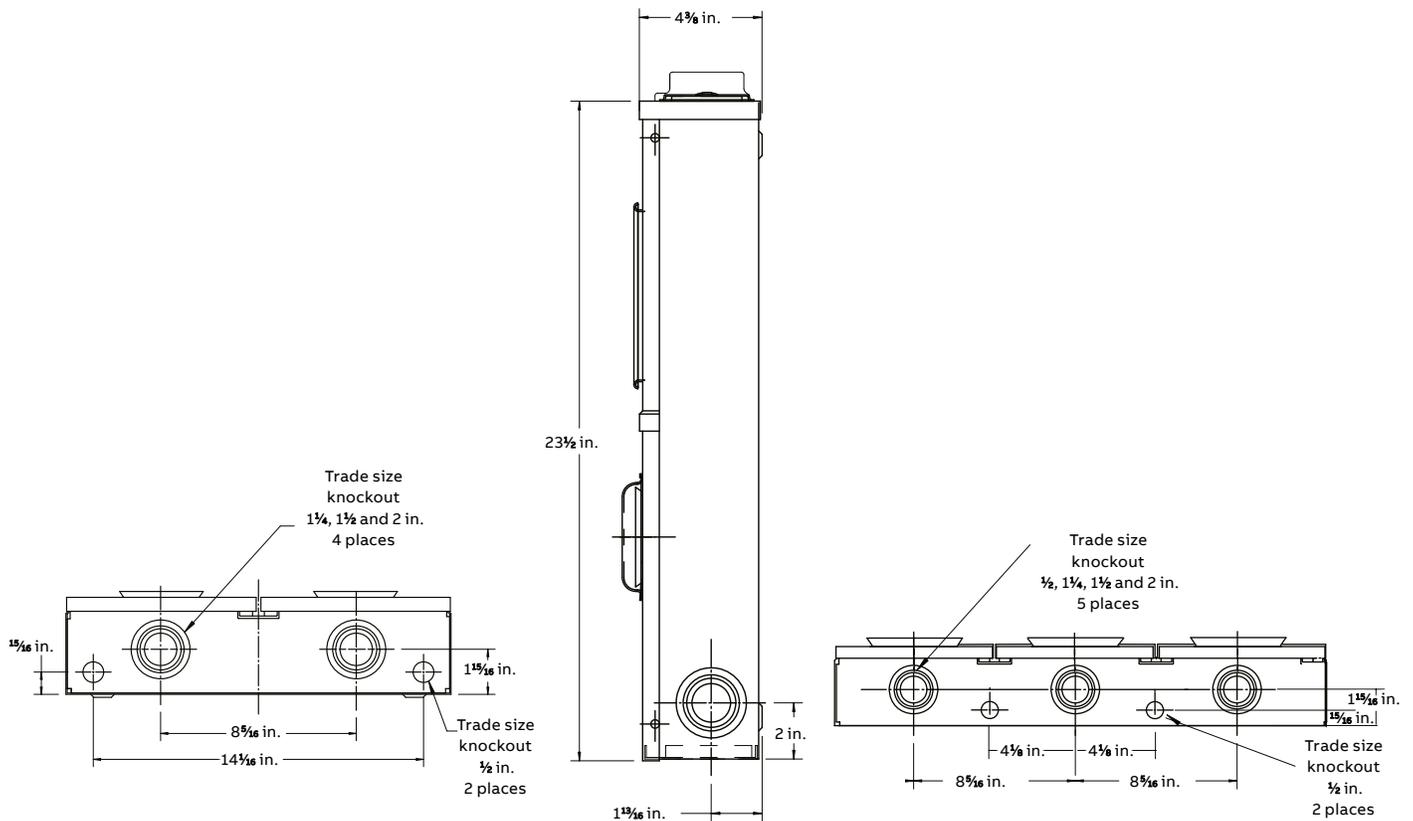
200 A (main lugs), 100 A per position 120/240 V; multi-gang combination with or without breaker

Product specifications

- Conductor range: line: 6 AWG–250 kcmil, load: 6–1/0 AWG
- Overhead only – tunnel type connectors for both load and line sides
- Underground only – aluminum tunnel type connector load side (6–1/0 AWG), line side ½ in. studs
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Bottom compartment has provision for 2 pole circuit breaker (max 100 A) 10 kA breakers (22 kA breaker where indicated HI) Siemens (Q), Eaton (BR), GE (TQL). Only SQD (QO) breakers will fit units with suffix SD.
- Primarily used in: All provinces

 Approved for copper or aluminum

Diagrams

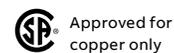


HD1

100 A 120/240 V; flat rate services junction box

Product specifications

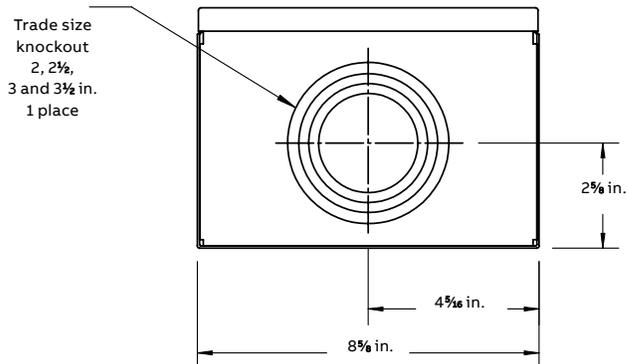
- 100 A, 120/240 V single-phase weatherproof junction box for flat rate services fed underground such as telephone booths, plastic signs, bus shelters, etc.
- Aluminum tunnel type connector for line side
- Bottom compartment has 2 in., 2½ in., 3 in., 3½ in. KOs and ⅜ in. (load side) studs to accommodate compression lugs (supplied by utility)
- Top compartment has provision for ABB, Siemens, G.E., Westinghouse type “Q” 2 pole breaker
- Weatherproof Type 3R enclosure
- Primarily used in: Quebec only



| | Cat. no. | Type | Dimensions (in.) | | | Weight each | |
|-----|----------|-------------|------------------|----|----|-------------|-----|
| | | | H | W | D | lb | kg |
| HD1 | HD1 | Underground | 23½ | 8⅝ | 6⅛ | 20 | 9.0 |



Diagrams



Microelectric

Highly corrosion-resistant meter sockets

For challenging environmental conditions, such as coastal zones, where corrosion can significantly shorten product life expectancy, Microelectric corrosion-resistant meter sockets are the solution.

The CR (Corrosion Resistant) option is now available on three of our best-selling meter sockets: the BQ2, BE1 and BS2 Series. The CR option offers homeowners durability, functionality and peace of mind for years to come with no more prematurely rusted-out enclosures! With the CR option, meter sockets withstand environmental corrosion and enclosure remain rust-free longer.

Corrosion-resistant option on selected Microelectric BQ2, BE1 and BS2 models

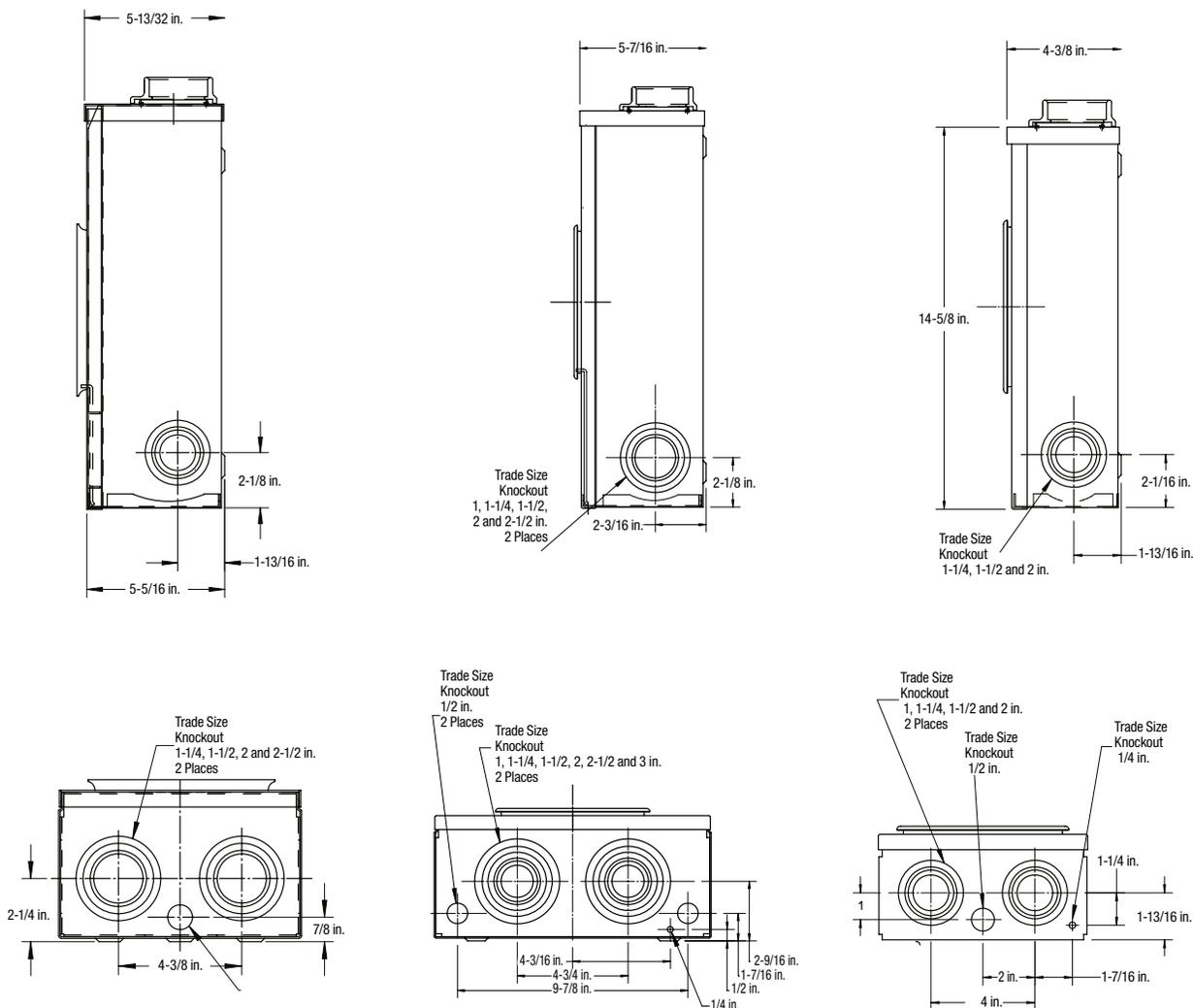
- Designed and manufactured in Canada for the Canadian climate – withstands temperature variations from -40°C to 90°C
- Superior resistance to corrosion in all types of environments – ideally suited for coastal and industrial areas
- Suitable for both overhead and underground installations – reduces inventory requirements
- Robust galvanized steel construction
- New elegant and distinctive colour identifies CR option meter sockets
- Meets the requirements of the 2018 Canadian Electrical Code



Microelectric

Highly corrosion-resistant meter sockets

Diagrams



Combination overhead & underground meter socket with weatherproof type 3RX enclosure



| Cat. no | Factory-installed accessories | Amps/Volts | Conductor range | Dimensions (in.) | | | Weight each | |
|----------------|-------------------------------|-------------|-----------------|---------------------------------|----------------------------------|----------------------------------|-------------|-----|
| | | | | H | W | D | lb | kg |
| BQ2-TCV-CR | — | 200 A 600 V | 6 AWG–250 kcmil | 15- ⁵ / ₈ | 8- ⁴⁷ / ₆₄ | 5- ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TCVGN-CR | Ground on neutral | 200 A 600 V | 6 AWG–250 kcmil | 15- ⁵ / ₈ | 8- ⁴⁷ / ₆₄ | 5- ¹³ / ₃₂ | 12 | 5.4 |
| BE1-TCV-CR | — | 100 A 600 V | 6-1/0 AWG | 14- ⁵ / ₈ | 8- ¹ / ₄ | 4- ³ / ₈ | 8 | 3.6 |
| BE1-INTCV-CR | Insulated neutral | 100 A 600 V | 6-1/0 AWG | 14- ⁵ / ₈ | 8- ¹ / ₄ | 4- ³ / ₈ | 8 | 3.6 |
| BS2-TCVBC-CR | — | 200 A 600 V | 6 AWG–250 kcmil | 17- ¹ / ₈ | 12 | 5- ⁷ / ₁₆ | 14 | 6.3 |
| BS2-INTCVBC-CR | Insulated neutral | 200 A 600 V | 6 AWG–250 kcmil | 17- ¹ / ₈ | 12 | 5- ⁷ / ₁₆ | 14 | 6.3 |
| BS2-TCVGNBC-CR | Ground on neutral | 200 A 600 V | 6 AWG–250 kcmil | 17- ¹ / ₈ | 12 | 5- ⁷ / ₁₆ | 14 | 6.3 |
| BQ2-2V-CR | — | 200 A 600 V | 6 AWG–250 kcmil | 15- ⁵ / ₈ | 8- ⁴⁷ / ₆₄ | 5- ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-2VGN-CR | Ground on neutral | 200 A 600 V | 6 AWG–250 kcmil | 15- ⁵ / ₈ | 8- ⁴⁷ / ₆₄ | 5- ¹³ / ₃₂ | 12 | 5.4 |

BQ2 Series

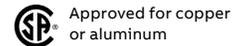
200 A 600 V; standard enclosure

Product specifications

- Conductor range: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground

- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces

Note: Supply from an underground network often requires use of stud type connector. Consult your local utility.



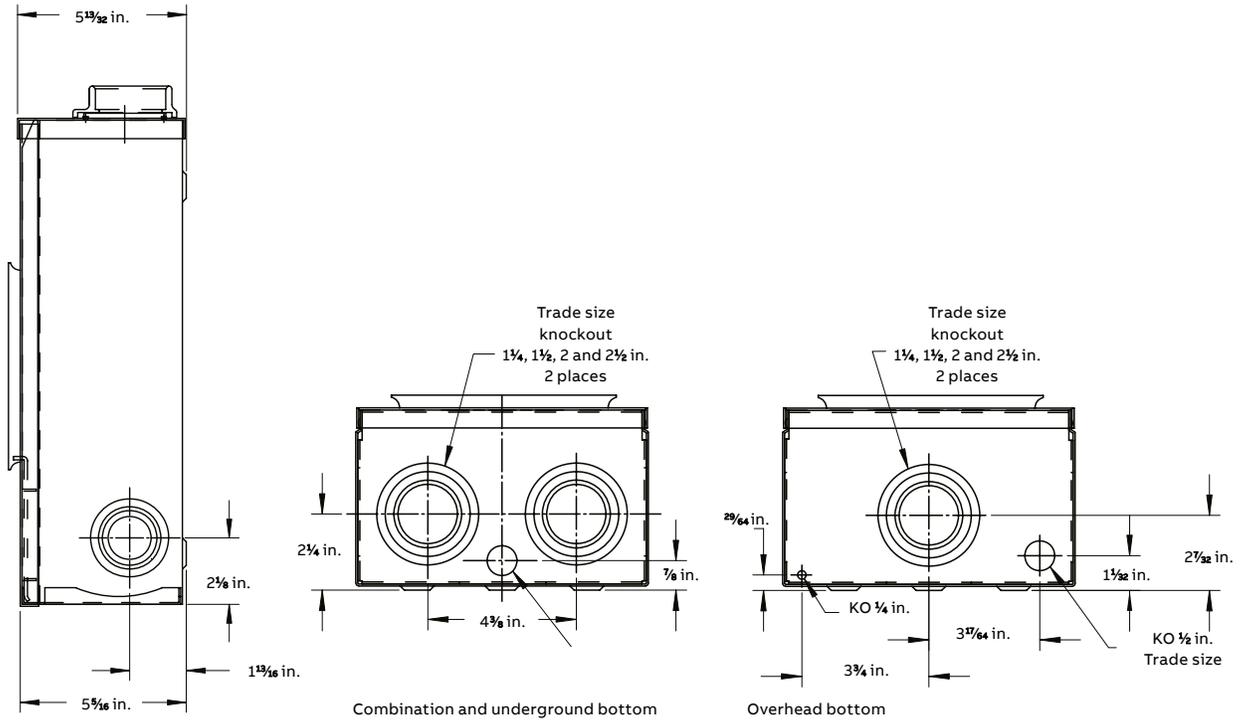
| Cat. no | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|--------------------------------|--------------------------------|---------------------------------|---|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| BQ2-V | Overhead, hub opening | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-VGN | Overhead opening comes with ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-VGN-CR | Overhead comes with ground lug on neutral, corrosion resistant | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-1 1/2 V | Overhead, hub opening, comes with 1½ in. hub | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-2V | Overhead, hub opening, comes with 2 in. hub | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-2VGN | Overhead, hub opening comes with 1 ½" hub and ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TV | Underground | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TVGN | Underground comes with ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TCV | Combination, overhead-underground | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TCV-CR | Combination overhead-underground, corrosion resistant | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TCVGN | Combination overhead-underground comes with ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-TCVGN-CR | Combination overhead-underground comes with ground lug on neutral, corrosion resistant | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-22VNH | Overhead, twin hub opening | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-22VNHGN | Overhead, twin hub opening comes with ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-2VGN-CR | Overhead comes with ground lug on neutral, corrosion resistant | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-22V | Overhead, twin hub opening, comes with 2 in. hubs | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| BQ2-22VGN | Overhead, twin hub opening comes with 2 in hubs and ground lug on neutral | 15 ⁵ / ₈ | 8 ⁴ / ₆₄ | 5 ¹³ / ₃₂ | 12 | 5.4 |
| Factory-installed accessories | | | | | | |
| Include: | -GN | | | | Ground lug on neutral | |
| | -5 | | | | 5 th jaw standard capacity | |
| | -6 | | | | 5 th jaw full capacity, 6 o'clock position | |



BQ2 Series

200 A 600 V; standard enclosure

Diagrams

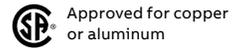


BP2-TV

200 A 600 V; standard enclosure

Product specifications

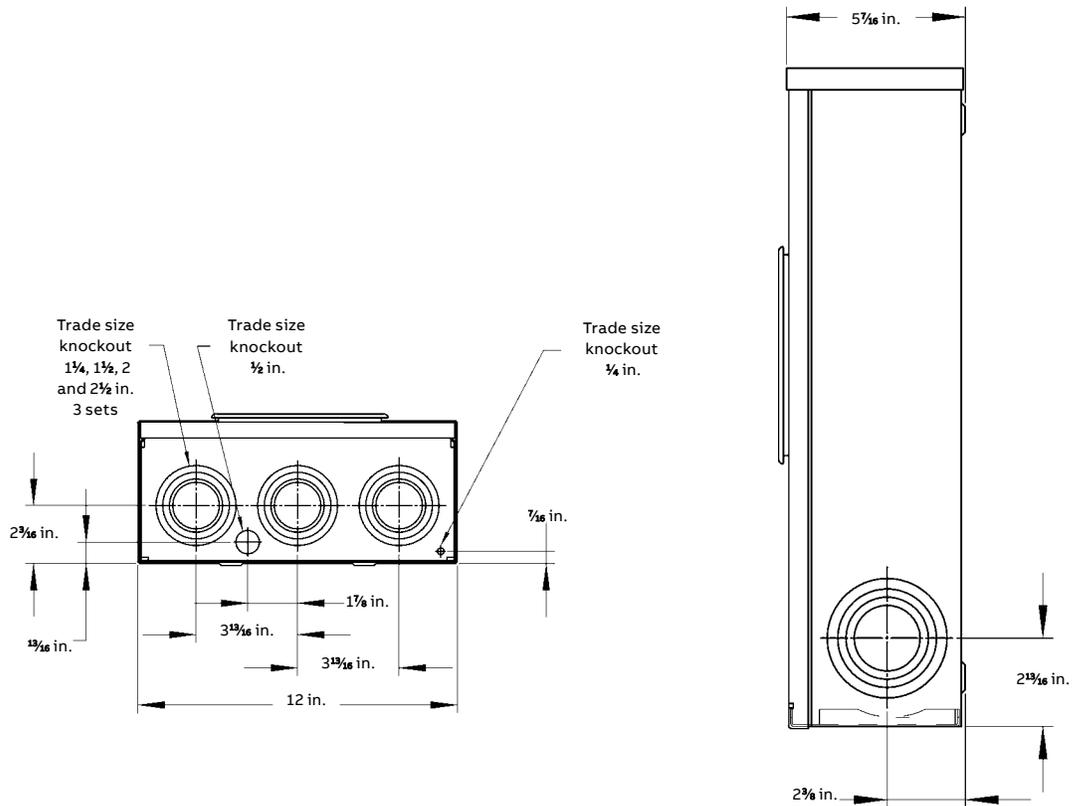
- Conductor range: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For underground service only
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Ontario



| | Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------|----------|-------------|------------------|----|--------------------------------|-------------|------|
| | | | H | W | D | lb | kg |
| BP2-TV | BP2-TV | Underground | 20 | 12 | 5 ¹ / ₁₆ | 16.5 | 7.48 |



Diagrams



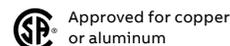
BS2 Series

200 A 600 V; oversize enclosure

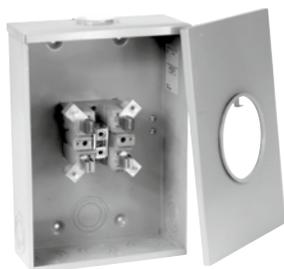
Product specifications

- Conductor range: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: B.C., AB, Sask., Man., Ont., N.S.

NOTE: Supply from an underground network often requires use of stud type connector. Consult your local utility.



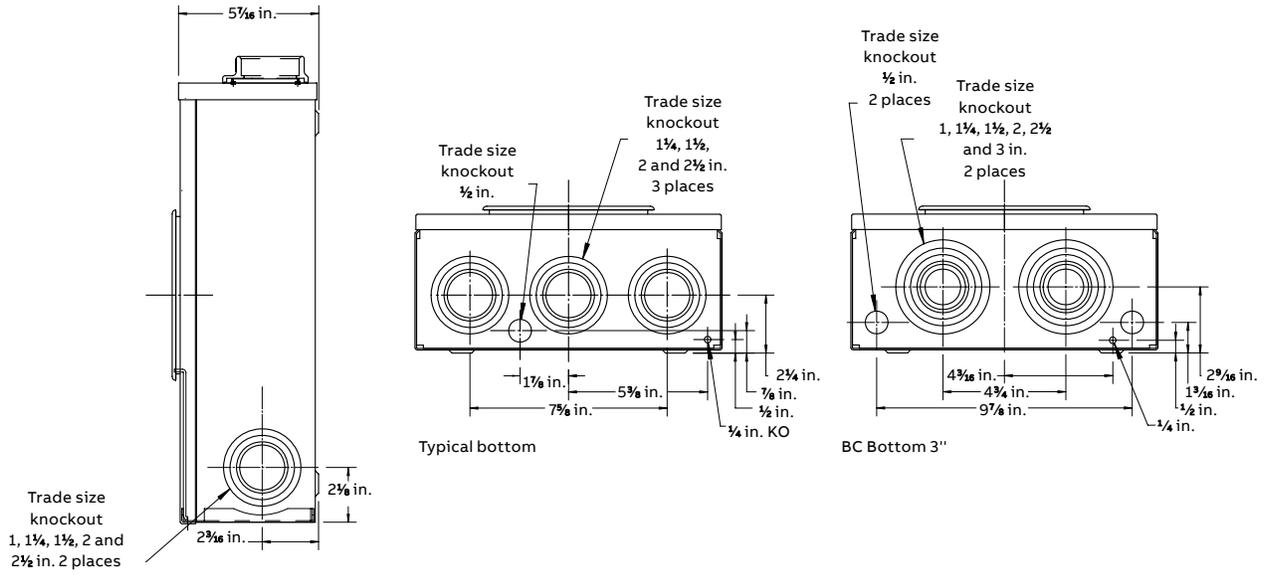
| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|--|----|------------------|-------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| BS2-V | Overhead, hub opening | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-INV | Overhead, hub opening comes with insulated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-1 1/2 V | Overhead, hub opening, comes with 1 $\frac{1}{2}$ in. hub | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-2V | Overhead, hub opening, comes with 2 in. hub | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TV | Underground | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-INTV | Underground comes with isolated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TCV | Combination, overhead-underground | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-INTCV | Combination overhead-underground comes with isolated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TCVGN | Combination overhead-underground comes with ground lug on neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TCVBC | Combination, overhead-underground comes with 3" ko | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TCVBC-CR | Combination overhead-underground comes with 3" ko | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-TCVBCGN | Combination overhead-underground comes with ground lug on neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-22VNH | Overhead, twin hub opening | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-22V | Overhead, twin hub opening, comes with 2 in. hubs | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| BS2-9V | Overhead, hub opening, comes with 5 th jaw, 9 o'clock and insulated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{1}{16}$ | 14 | 6.3 |
| Factory-installed accessories | | | | | | |
| Include: | -5 | 5 th jaw, standard capacity, 9 o'clock position | | | | |
| | -6 | 5 th jaw, full capacity, 6 o'clock position | | | | |
| | -9 | 5 th jaw, full capacity, 9 o'clock position | | | | |
| | -IN | Insulated neutral | | | | |
| | -GN | Ground lug on neutral | | | | |



BS2 Series

200 A 600 V; oversize enclosure

Diagrams



BS2 Series kit

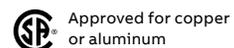
200 A 600 V; oversize enclosure with PVC accessories

Product specifications

- Conductor range: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination

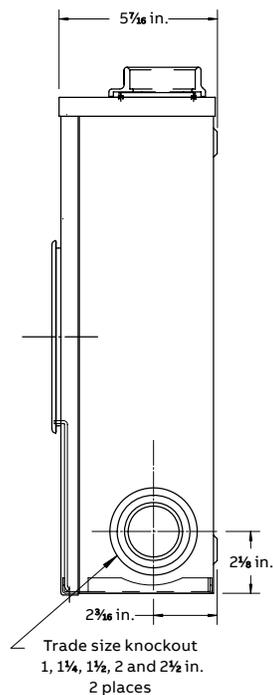
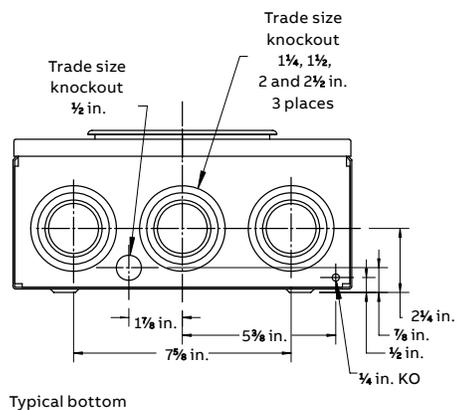
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Ontario only

Note: Supply from an underground network often requires use of stud type connector. Consult your local utility.



| | Cat. no. | Description | Qty. | |
|------|--------------------|---|------|--|
| | Kit | | | |
| | BS2-TCV-KIT2U | Kit – Meter socket with PVC accessories | | |
| | Consists of | | | |
| | BS2-TCV | 200 A meter socket | 1 | |
| | E943J | 2 in. Terminal adaptor | 1 | |
| | E986J | 2 in. LB access fitting | 1 | |
| | E995J | 2 in. Meter offsets | 2 | |
| | E977JC | 2 in. Clamps | 2 | |
| | UA9AJCB-CTN | 2 in. Elbow 90° | 1 | |
| | CI1716 | 2 in. Nut | 3 | |
| PH20 | 2 in. Hub | 1 | | |

Diagrams



BS2-TCVFA

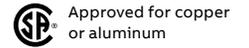
200 A, 120/240; single-phase service

Product specifications

- Line #6 AWG to 350 kcmil, load 2 x #6–4/0 AWG
- Tunnel type connectors for both load and line sides
- For underground and above ground service
- Weatherproof Type 3R enclosure

- Designed and manufactured in Canada
- Primarily used in: All provinces
Manitoba Hydro approved for overhead only

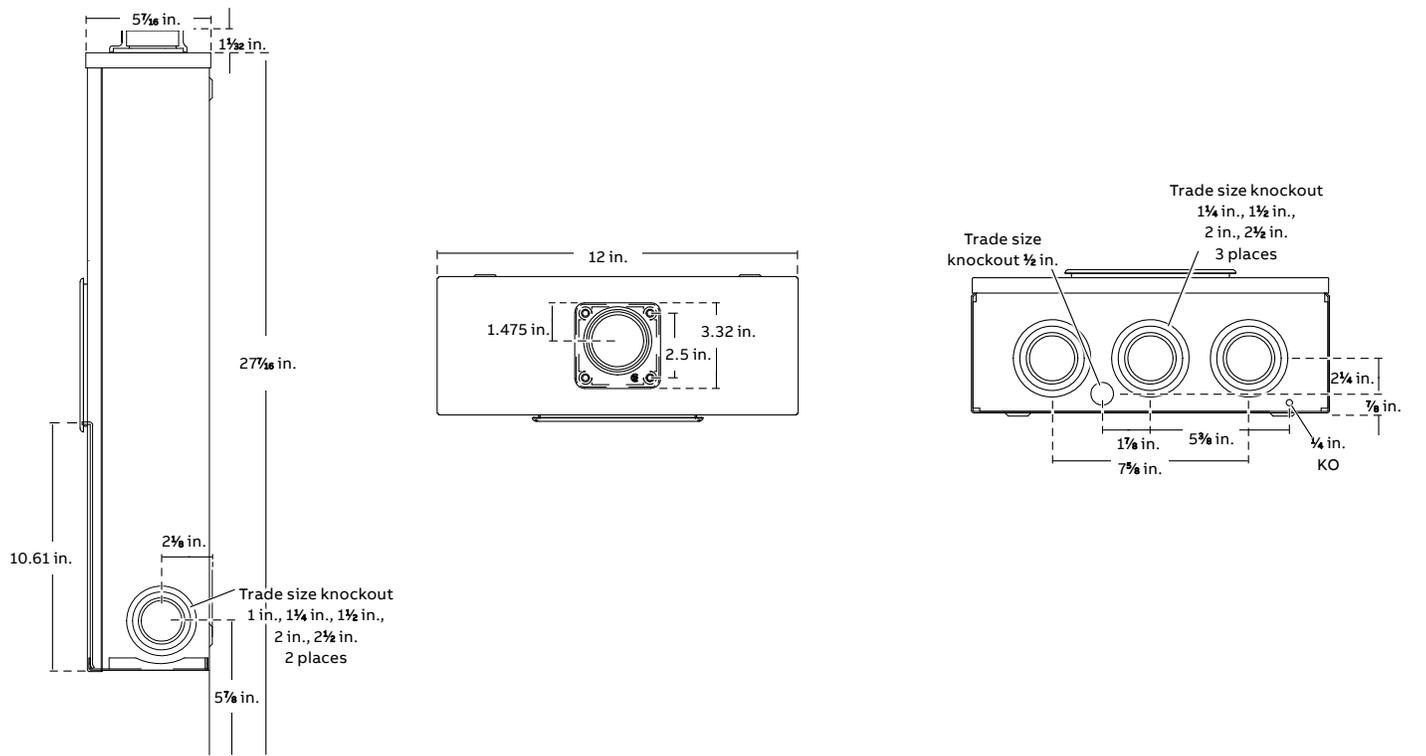
Application: When distance is a factor, larger conductors require larger connectors.



| Cat. no. | Description | Dimensions (in.) | | | Weight Each | |
|-----------|--|---------------------------------|----|--------------------------------|-------------|-----|
| | | H | W | D | lb | kg |
| BS2-TCVFA | 4 Jaw | | | | | |
| BS2-TCVFA | Combination overhead and underground 200 A service | 27 ¹ / ₁₆ | 12 | 5 ¹ / ₁₆ | 14 | 6.3 |



Diagrams

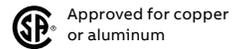


BS2L Series

200 A 600 V; oversize enclosure lay-in lug

Product specifications

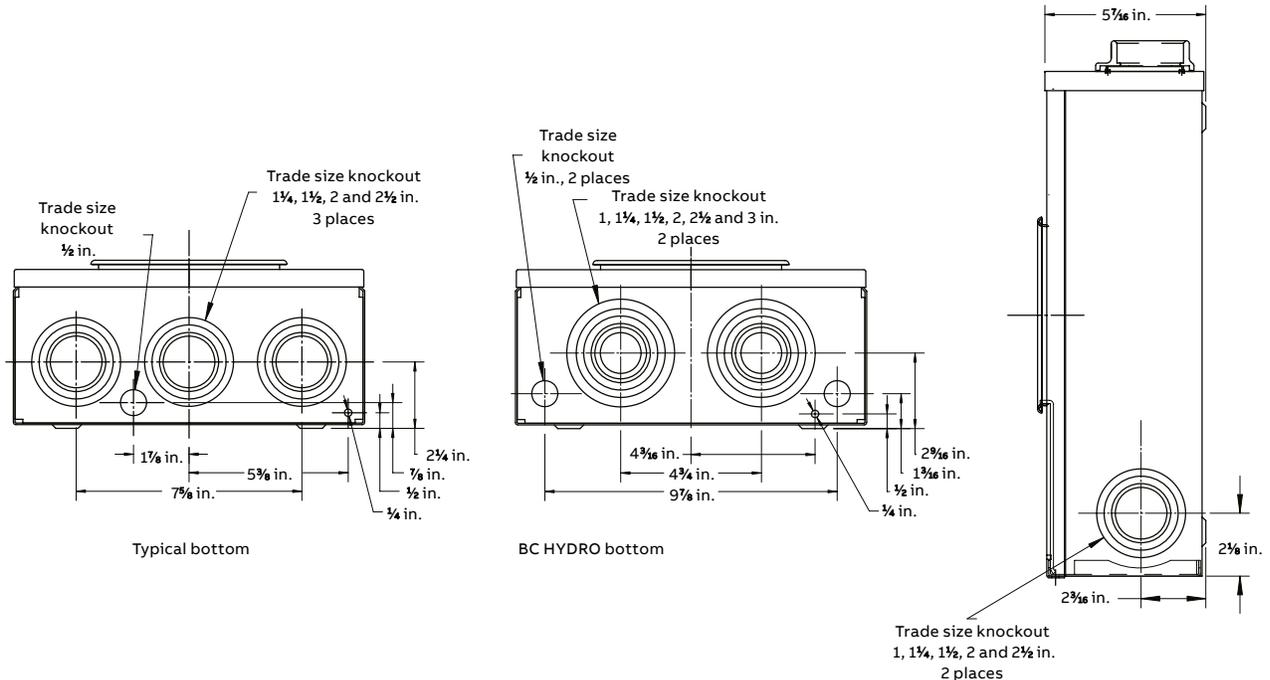
- Same as BS2 series with the exception that lay-in type connectors are provided
- Conductor range: 6 AWG–250 kcmil
- Aluminum lay-in type connectors for both load and line sides
- For overhead, underground and combination overhead/underground
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: B.C., Ont.



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|------------------|----|------------------|---|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| BS2L-TV | 200 A underground with lay-in lugs | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| BS2L-INTV | 200 A underground with lay in lug, insulated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| BS2L-TCV | 200 A over/under combination with lay-in lugs | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| BS2L-INTCV | 200 A overhead-underground with lay in lugs, insulated neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| BS2L-TCVGN | 200 A underground-overhead with lay in lugs comes with ground lug on neutral | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| BS2L-TCVBCR | 200 A over/under combination with lay-in lugs (BC Hydro) | 17 $\frac{1}{8}$ | 12 | 5 $\frac{5}{16}$ | 16 | 7.2 |
| Factory-installed accessories | | | | | | |
| Include: -5 | | | | | 5 th jaw standard capacity | |
| -6 | | | | | 5 th jaw full capacity, 6 o'clock position | |
| -9 | | | | | 5 th jaw full capacity, 9 o'clock position | |
| -IN | | | | | Insulated neutral | |



Diagrams

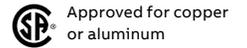


BS2M Series

200 A 600 V; oversize enclosure, subfeed on load side

Product specifications

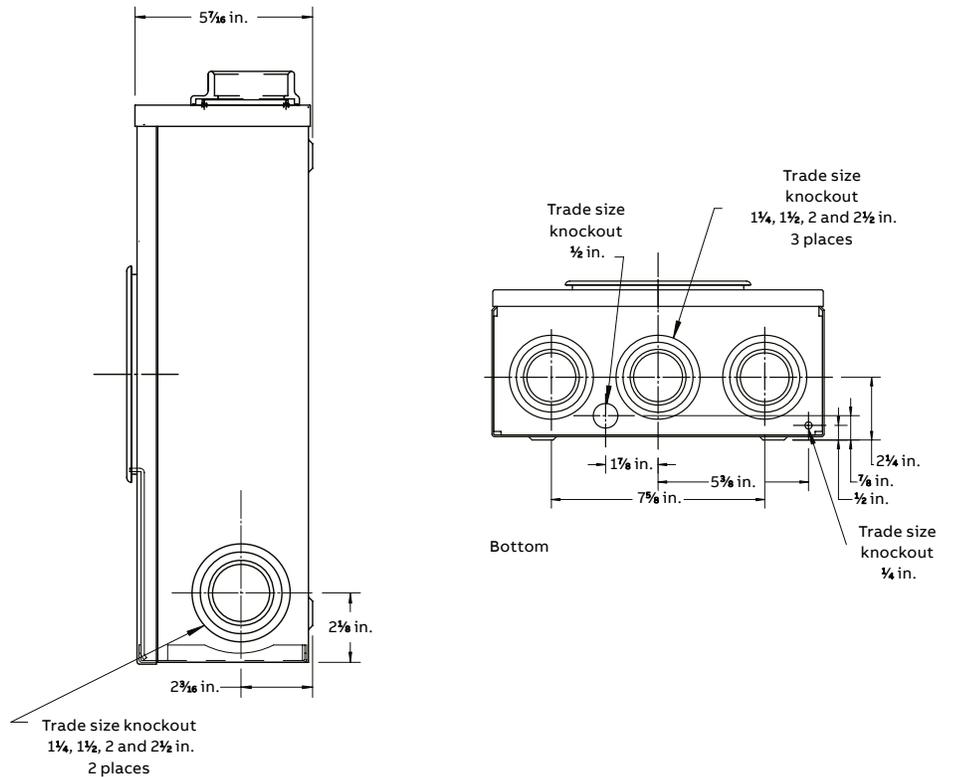
- Conductor range: line: 6 AWG–250 kcmil, load: 12–1/0 AWG
- Aluminum tunnel type connector for line side
- For overhead service only
- Dual lug subfeed for load side
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| | Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------|----------|-----------------------|--------------------------------|----|-------------------------------|-------------|-----|
| | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | |
| BS2M-V | BS2M-V | Overhead, hub opening | 17 ⁷ / ₈ | 12 | 5 ⁷ / ₈ | 15 | 6.8 |



Diagrams

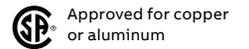


MO2 Series

200 A 600 V; underground only

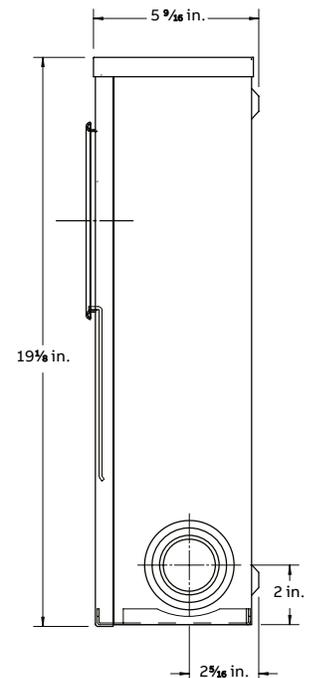
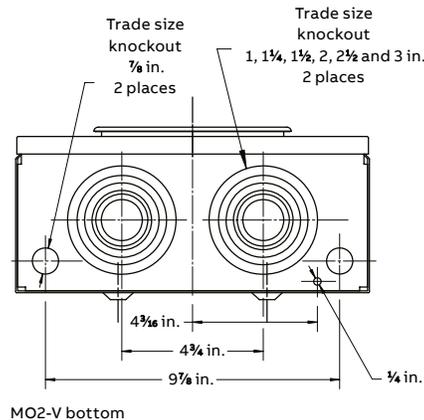
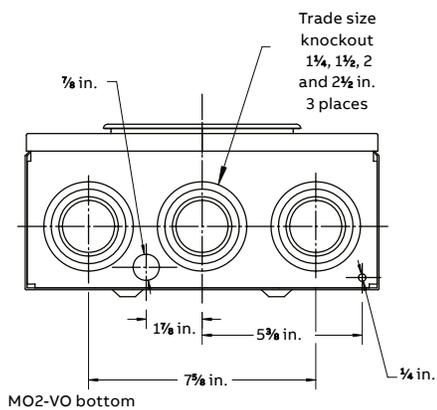
Product specifications

- Conductor range: line: single ½ in. studs to accommodate compression lugs 350 kcmil max. (supplied by utility), load: 6 AWG–250 kcmil
- For underground service only
- Aluminum tunnel type connectors for load side, ½ in. studs on line side
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Sask., Man., Ont., Que.



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|--------------------------------------|--|------------------|----|--------|------------------------------|-----|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| MO2-V | Underground ½ in. studs | 19 5/16 | 12 | 5 9/16 | 18 | 8.1 |
| MO2-INV | Underground ½ in. stud comes with isolated neutral | 19 5/16 | 12 | 5 9/16 | 18 | 8.1 |
| MO2-VO | Underground ½ in. studs for Ontario | 19 5/16 | 12 | 5 9/16 | 18 | 8.1 |
| MO2-INV0 | Underground ½ in. stud for ontario comes with isolated neutral | 19 5/16 | 12 | 5 9/16 | 18 | 8.1 |
| Factory-installed accessories | | | | | | |
| Include: -M | | | | | 2/0 AWG subfeed on load side | |

Diagrams

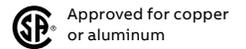


MO2 Series Kit

200 A 600 V; underground only with PVC accessories

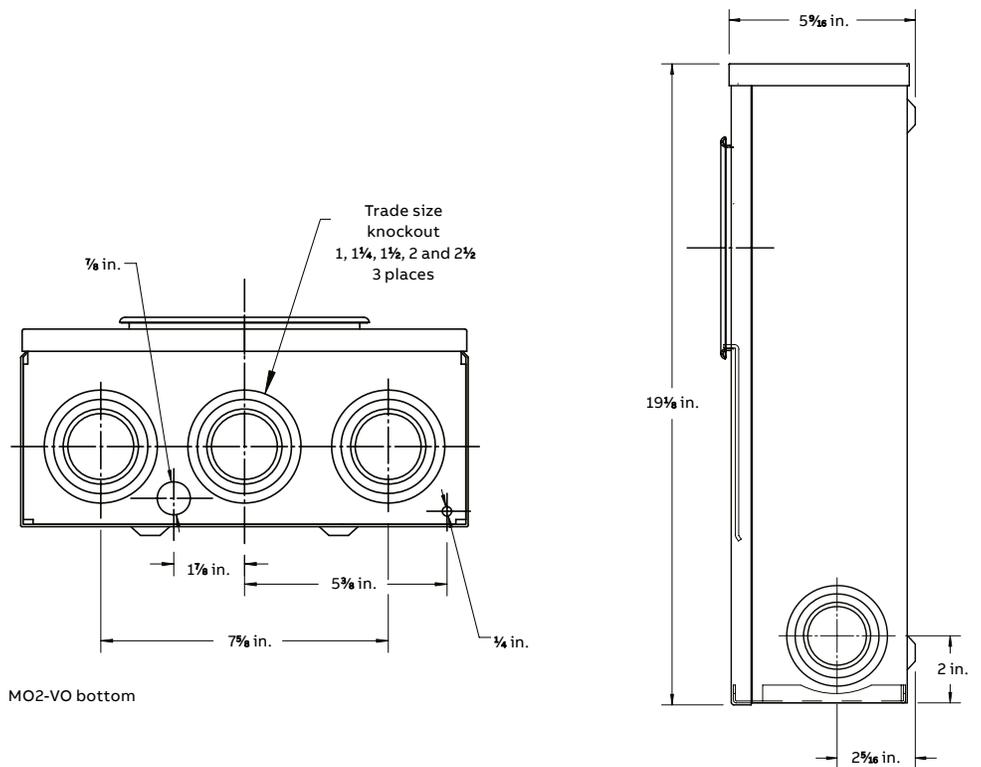
Product specifications

- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- For underground service only
- Aluminum tunnel type connectors for load side
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Ontario only



| | Cat. no. | Description | Qty. |
|--|--------------------|---|------|
| | Kit | | |
| | MO2-VO-KIT2U | Kit – Meter socket with PVC accessories | |
| | Consists of | | |
| | MO2-VO | 200 A meter socket | 1 |
| | CI1716 | 2 in. Locknut | 3 |
| | E943J | 2 in. Male adaptor | 1 |
| | E977JC | 2 in. Pipe strap | 2 |
| | E986J | 2 in. Conduit bodies – LB type | 1 |
| | E995J | 2 in. Meter offsets | 2 |
| | UA9AJCB-UPC | 2 in. 90° Elbow | 1 |

Diagrams



MO2 Series kit

200 A 600 V; underground only with PVC accessories

Product specifications

- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- For underground service only
- Aluminum tunnel type connectors for load side, ½ in. studs on line side
- Supplied with screw type ring
- Weatherproof Type 3R enclosure
- Primarily used in: Quebec only

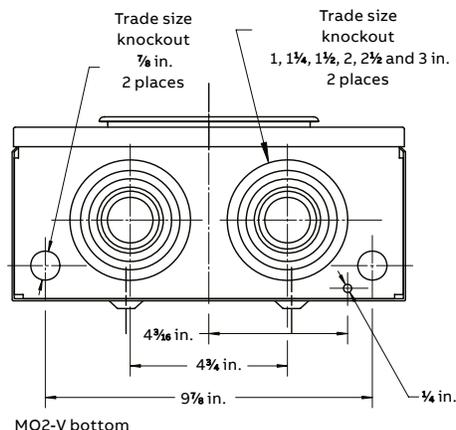
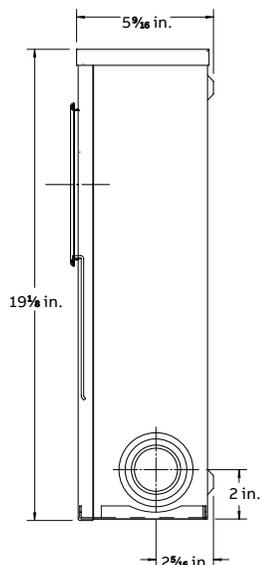


MO2-V-KIT1-1/4U

| Cat. no. | Description | Qty. |
|--------------------|-----------------------------------|------|
| Kit | | |
| MO2-V-KIT1-1/4U | Meter socket with PVC accessories | |
| Consists of | | |
| MO2-V | 200 A Meter socket | 1 |
| CE942RL | 3 in. PVC/DB2 adaptor | 1 |
| CI1710 | 1½ in. Nut | 2 |
| CI1724 | 3 in. Nut | 1 |
| CI-DUCT-1 | Duct seal | 1 |
| E943G | 1½ in. Male adaptor | 2 |
| E943L | 3 in. Male adaptor | 1 |
| E945L | 3 in. Expansion fitting | 1 |
| E977GC | 1½ in. Pipe strap | 1 |
| E977LC-CAR | 3 in. Pipe strap | 1 |
| E986G | 1½ in. Conduit bodies – LB type | 1 |
| UA9AGCB-UPC | 1½ in. 90° Elbow | 1 |

| Cat. no. | Description | Qty. |
|--------------------|-----------------------------------|------|
| Kit | | |
| MO2-V-KIT2U | Meter socket with PVC accessories | |
| Consists of | | |
| MO2-V | 200 A Meter socket | 1 |
| CE942RL | 3 in. PVC/DB2 adaptor | 1 |
| CI1716 | 2 in. Nut | 2 |
| CI1724 | 3 in. Nut | 1 |
| CI-DUCT-1 | Duct seal | 1 |
| E943J | 2 in. Male adaptor | 2 |
| E943L | 3 in. Male adaptor | 1 |
| E945L | 3 in. Expansion fitting | 1 |
| E977JC | 2 in. Pipe strap | 1 |
| E977LC-CAR | 3 in. Pipe strap | 1 |
| E986J | 2 in. Conduit bodies – LB type | 1 |
| UA9AJCB-UPC | 2 in. 90° Elbow | 1 |

Diagrams



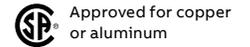
MO2-V bottom

BD2 Series

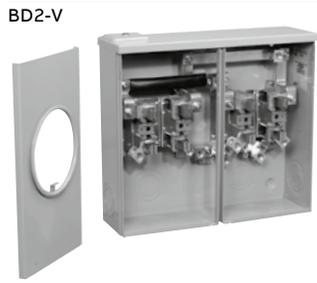
200 A (main lugs) 600 V; multiple position – 200 A per position

Product specifications

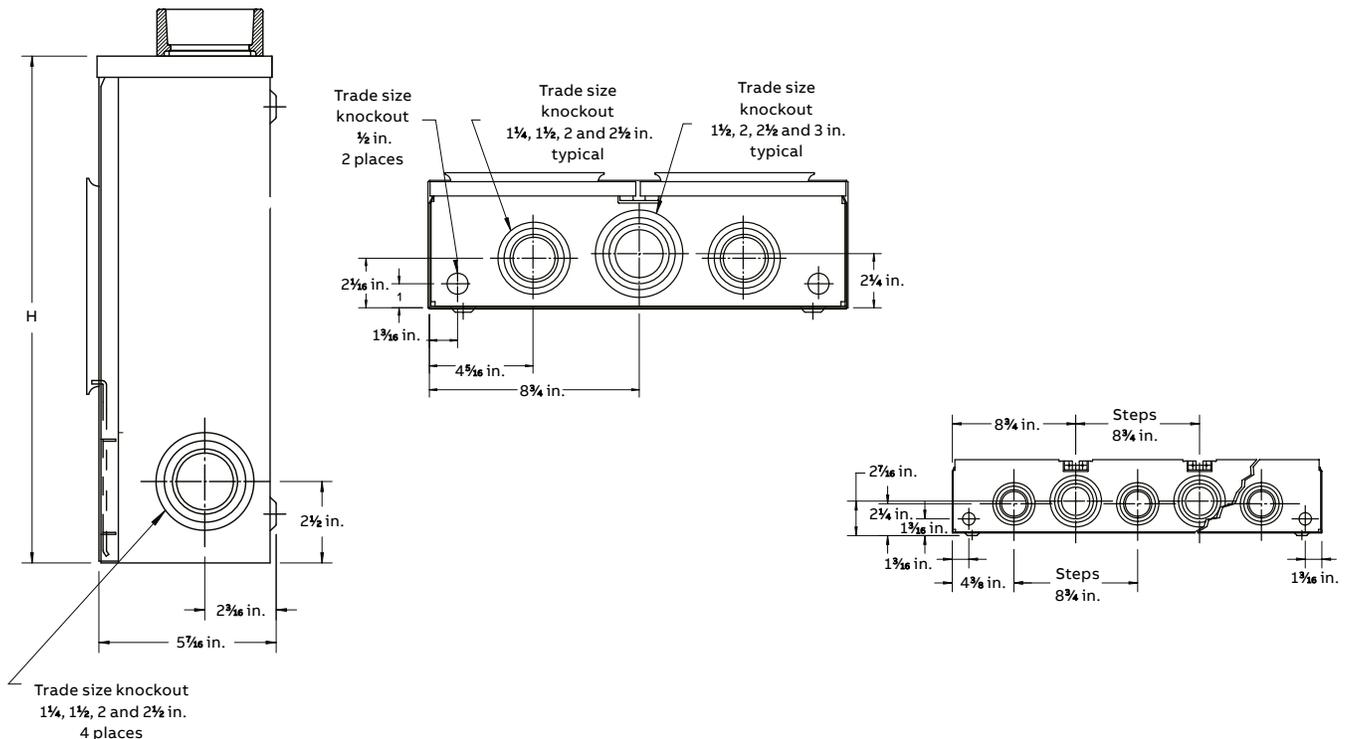
- Conductor range: line: 6 AWG–250 kcmil, load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- Factory prebussed from main lugs to each position
- Supplied with hub opening closure plate for underground service
- Combination overhead underground
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | | | |
|------------------------|----------------|---------------------------------|-----|-----|-------------|----|------|--|
| | | H | W | D | lb | kg | | |
| 4 Jaw | | | | | | | | |
| Left-hand entry | | Right-hand entry | | | | | | |
| BD2-V | BD2-VH | 2 position | 15½ | 17½ | 5⅞ | 23 | 10.4 | |
| BD3-V | BD3-VH | 3 position | 15½ | 26¼ | 5⅞ | 35 | 15.9 | |
| BD4-V | BD4-VH | 4 position | 15½ | 35 | 5⅞ | 47 | 21.3 | |
| BD2-VBC | BD2-VBCH | 2 position for British Columbia | 20 | 17½ | 5⅞ | 27 | 12.2 | |



Diagrams



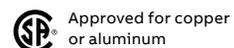
Note: Pattern for bottoms. Left-hand entry is shown. For right-hand entry, unit is manufactured symmetrically with hub openings, knockout and line connections on right side.

BDA2-V Series

200 A (main lugs) 600 V; multiple position with blank compartment 200 A per position

Product specifications

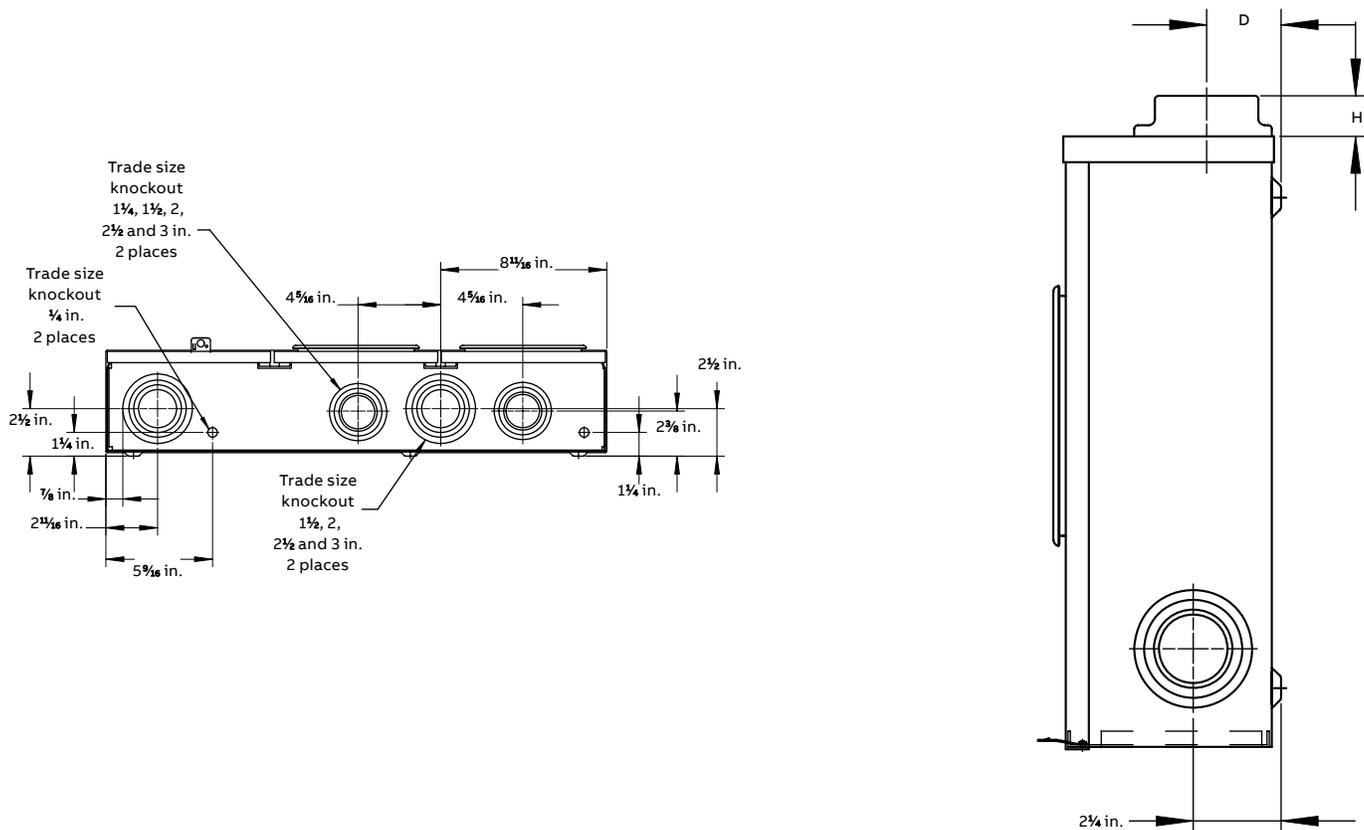
- Conductor range: line: 6 AWG–250 kcmil, load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for load side
- Combination overhead and underground
- Hub opening closure plate for underground service
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: Ontario only



| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | |
|------------------------|----------------|-------------------------|---------------------------------|---------------------------------|-------------------------------|---------|
| | | H | W | D | lb | kg |
| 4 Jaw | | | | | | |
| Left-hand entry | | Right-hand entry | | | | |
| BDA2-V | BDA2-VH | 2 position | 15 ⁵ / ₁₆ | 26 ³ / ₁₆ | 5 ¹ / ₄ | 31 14.6 |



Diagrams



BDC Series

200 A (main lugs) 600 V; stud type multiple position with blank compartment
 200 A per position

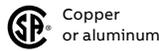


BDC2-VIL

Product specifications

- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for load sides
- For underground service only
- Factory prebussed from main lugs to each position
- Supplied with screw type sealing rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces

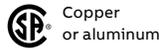
For use in all provinces



| Cat. no. | Left-hand entry | Right-hand entry | Meter position | Dimensions (in.) | | | Weight each | |
|--------------|-----------------|------------------|----------------|--------------------------------|--------------------------------|-------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | | |
| BDC2-V | | BDC2-VH | 2 position | 15 ⁵ / ₈ | 26 ³ / ₄ | 5 ¹ / ₄ | 30 | 13.6 |
| BDC3-V | | BDC3-VH | 3 position | 15 ⁵ / ₈ | 35 | 5 ¹ / ₄ | 42 | 19.0 |
| BDC4-V | | BDC4-VH | 4 position | 15 ⁵ / ₈ | 43 ³ / ₄ | 5 ¹ / ₄ | 54 | 24.5 |

Locking system outside meter section.

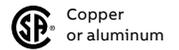
For use in British Columbia



| Cat. no. | Left-hand entry | Right-hand entry | Meter position | Dimensions (in.) | | | Weight each | |
|--------------|-----------------|------------------|----------------|--------------------------------|--------------------------------|-------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | | |
| BDC2-VAILBC | | BDC2-VAHILBC | 2 position | 20 ³ / ₄ | 26 ³ / ₄ | 5 ¹ / ₄ | 30 | 13.6 |
| BDC3-VAILBC | | BDC3-VAHILBC | 3 position | 20 ³ / ₄ | 35 | 5 ¹ / ₄ | 42 | 13.6 |
| BDC4-VAILBC | | BDC4-VAHILBC | 4 position | 20 ³ / ₄ | 43 ³ / ₄ | 5 ¹ / ₄ | 54 | 19.0 |

Locking system inside meter section, comes with tunnel type connector on line side.

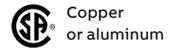
For use in Quebec



| Cat. no. | Left-hand entry | Right-hand entry | Meter position | Dimensions (in.) | | | Weight each | |
|--------------|-----------------|------------------|----------------|--------------------------------|--------------------------------|-------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| 4 Jaw | | | | | | | | |
| BDC2-VIL | | BDC2-VHIL | 2 position | 15 ⁵ / ₈ | 26 ³ / ₄ | 5 ¹ / ₄ | 30 | 13.6 |
| BDC3-VIL | | BDC3-VHIL | 3 position | 15 ⁵ / ₈ | 35 | 5 ¹ / ₄ | 42 | 19.0 |
| BDC4-VIL | | BDC4-VHIL | 4 position | 15 ⁵ / ₈ | 43 ³ / ₄ | 5 ¹ / ₄ | 54 | 24.5 |

Locking system inside meter section.

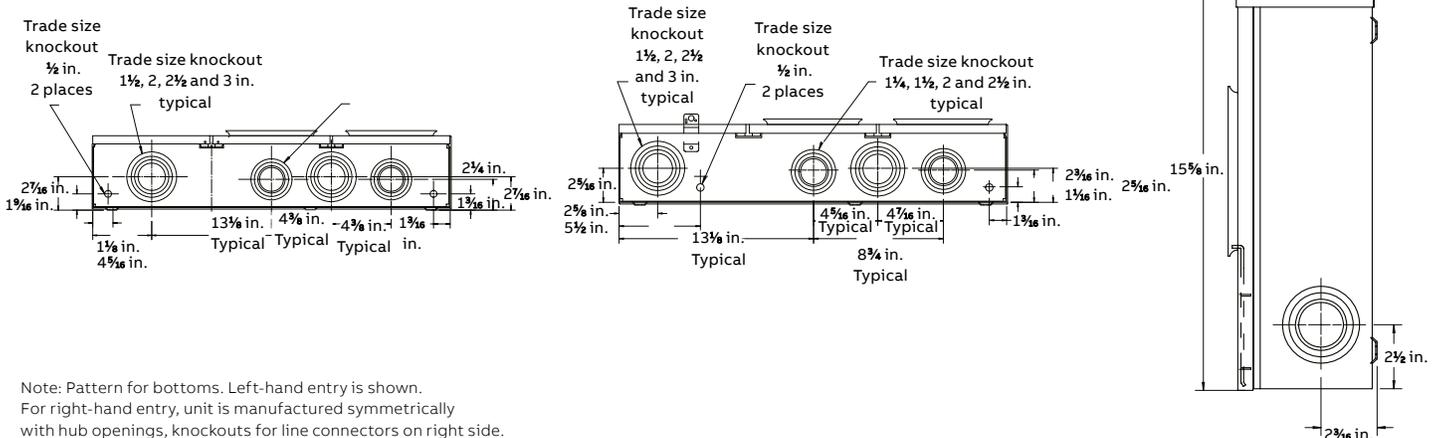
For use in Ontario



| Cat. no. | Left-Hand Entry | Meter Position | Dimensions (in.) | | | Weight each | |
|--------------|-----------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------|------|
| | | | H | W | D | lb | kg |
| 5 Jaw | | | | | | | |
| BDC2-5V | | 2 position | 23 ³ / ₈ | 26 ³ / ₄ | 5 ⁵ / ₁₆ | 30 | 13.6 |
| BDC3-5V | | 3 position | 23 ³ / ₈ | 35 | 5 ⁵ / ₁₆ | 42 | 19.0 |
| BDC4-5V | | 4 position | 23 ³ / ₈ | 43 ³ / ₄ | 5 ⁵ / ₁₆ | 54 | 24.5 |

Locking system outside meter section.

Diagrams



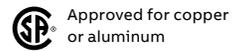
Note: Pattern for bottoms. Left-hand entry is shown. For right-hand entry, unit is manufactured symmetrically with hub openings, knockouts for line connectors on right side.

BS4 Series

400 A (main lugs) 600 V; multiple position with blank compartment 200 A per position

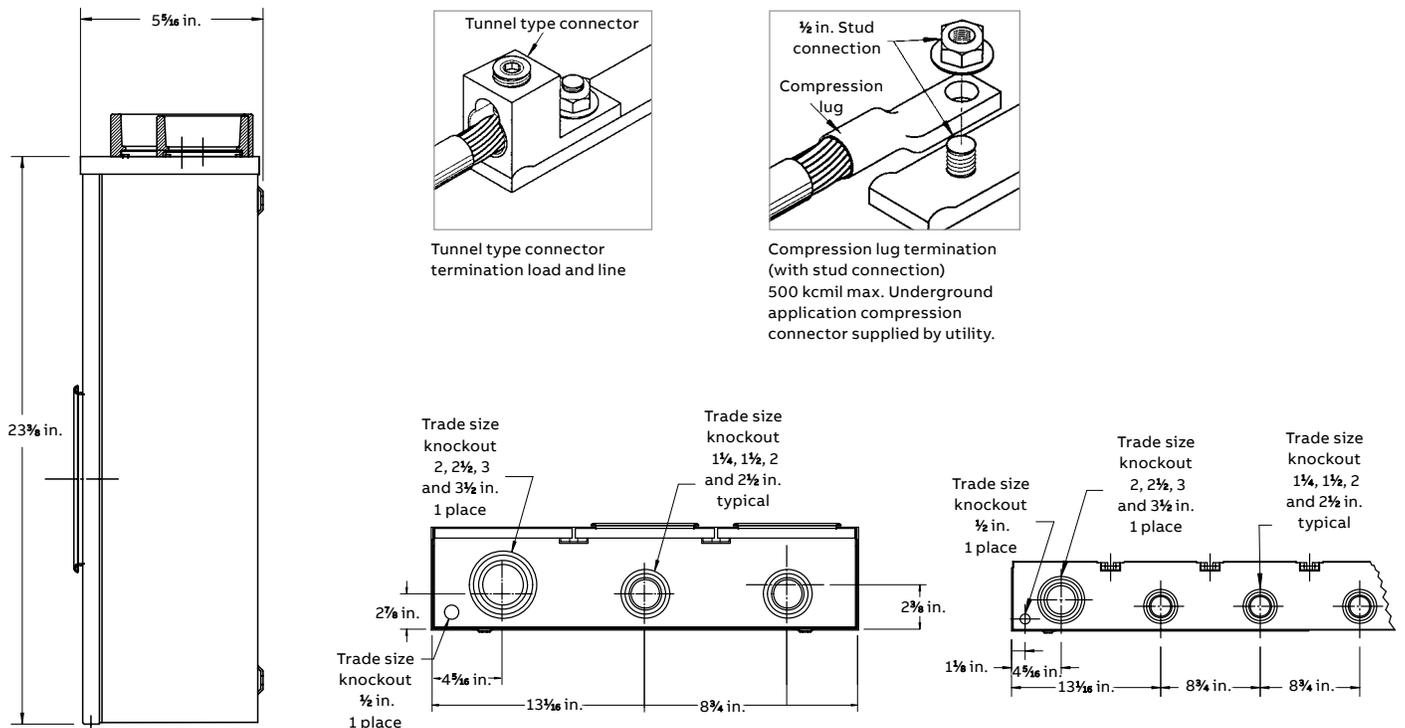
Product specifications

- Conductor range: line: dual rated connectors for 1 x 4 AWG–600 kcmil or 2 x 1/0 AWG–250 kcmil, load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- Factory prebussed from main lugs to each position
- Combination overhead-underground
- Supplied with hub opening closure plate for underground service
- Larger hub opening requires use of 3 in., 3½ in. or 4 in. hubs unless BS052 adapter plate is used
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | | |
|------------------------|----------------|-------------------------|-----|-----|------------------|-----|------|
| | | H | W | D | lb | kg | |
| 4 Jaw | | | | | | | |
| Left-hand entry | | Right-hand entry | | | | | |
| BS42-V | BS42-VH | 2 position | 23¾ | 26¼ | 5½ ₁₆ | 45 | 20.4 |
| BS43-V | BS43-VH | 3 position | 23¾ | 35 | 5½ ₁₆ | 59 | 26.8 |
| BS44-V | BS44-VH | 4 position | 23¾ | 43¼ | 5½ ₁₆ | 73 | 33.1 |
| BS45-V | BS45-VH | 5 position | 23¾ | 52½ | 5½ ₁₆ | 87 | 39.5 |
| BS46-V | BS46-VH | 6 position | 23¾ | 61¼ | 5½ ₁₆ | 101 | 45.9 |

Diagrams



BSC4-G Series

400 A (main lugs) 600 V; stud type multiple position with blank compartment
200 A per position

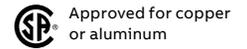


BSC42-VGA

Product specifications

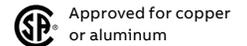
- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for load side
- For underground service only
- Twin wiring compartment, increased length of the busbars and double ½ in. studs to accommodate compression lugs
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: Ontario and British Columbia

For use in Ontario



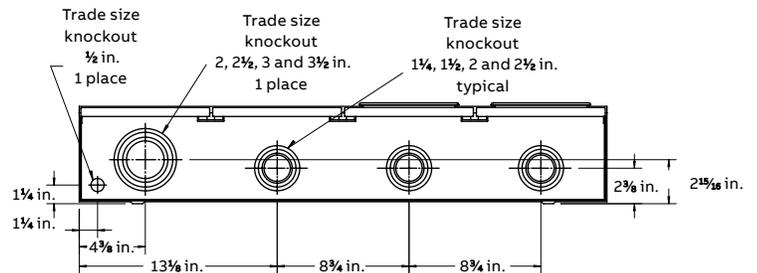
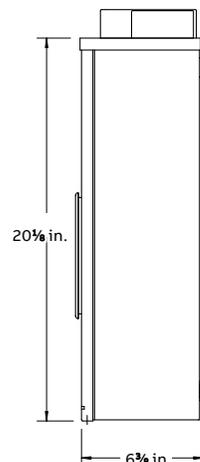
| Cat. no. | Meter position | Dimensions (in.) | | | Weight each | |
|------------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------|------|
| | | H | W | D | lb | kg |
| Left-hand entry | | | | | | |
| BSC42-VG | 2 position | 23 ³ / ₈ | 35 | 5 ⁵ / ₁₆ | 58 | 26.3 |
| BSC43-VG | 3 position | 23 ³ / ₈ | 43 ³ / ₄ | 5 ⁵ / ₁₆ | 72 | 32.7 |
| BSC44-VG | 4 position | 23 ³ / ₈ | 52 ¹ / ₂ | 5 ⁵ / ₁₆ | 86 | 39.0 |
| BSC45-VG | 5 position | 23 ³ / ₈ | 61 ¹ / ₄ | 5 ⁵ / ₁₆ | 100 | 45.4 |
| BSC46-VG | 6 position | 23 ³ / ₈ | 70 | 5 ⁵ / ₁₆ | 114 | 51.8 |

For use in British Columbia



| Cat. no. | Left-hand entry | Right-hand entry | Meter position | Dimensions (in.) | | | Weight each | |
|-----------|-----------------|------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| BSC42-VGA | | BSC42-VGAH | 2 position | 23 ³ / ₈ | 35 | 5 ⁵ / ₁₆ | 58 | 26.3 |
| BSC43-VGA | | BSC43-VGAH | 3 position | 23 ³ / ₈ | 43 ³ / ₄ | 5 ⁵ / ₁₆ | 72 | 32.7 |
| BSC44-VGA | | BSC44-VGAH | 4 position | 23 ³ / ₈ | 52 ¹ / ₂ | 5 ⁵ / ₁₆ | 86 | 39.0 |
| BSC45-VGA | | BSC45-VGAH | 5 position | 23 ³ / ₈ | 61 ¹ / ₄ | 5 ⁵ / ₁₆ | 100 | 45.4 |
| BSC46-VGA | | BSC46-VGAH | 6 position | 23 ³ / ₈ | 70 | 5 ⁵ / ₁₆ | 114 | 51.8 |

Diagrams



PE2-CS Pedestal unit

200 A 120/240 V single-phase service

A solution for meter sockets not installed on the side of a residence or building



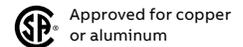
The PE2-CS integrated pedestal saves installation time and is ideal in applications such as street and highway lighting, park and recreational facilities, irrigation control systems and many more.

Product specifications

- Line and load conductor range 6 AWG–250 kcmil
- Underground service only
- Tunnel type connectors for both line and load side
- Weatherproof Type 3R enclosure
- Designed and manufactured in Canada
- FORTIS BC approved

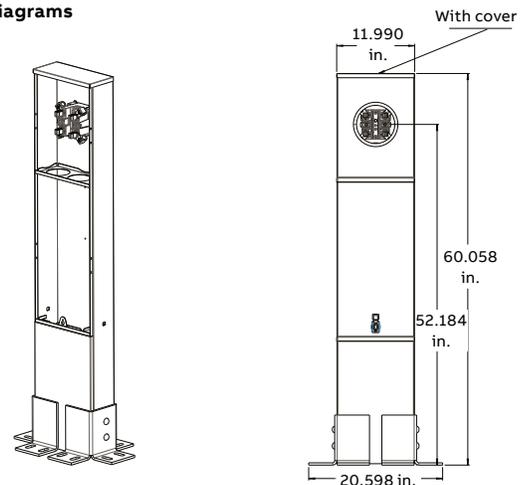
Applications

- For remote electrical service
- Underground application feed only
- Concrete slab installation



| Cat. No. | Description | Dimensions (in.) | | | Weight each | |
|----------|--|------------------|----|-----------------|-------------|------|
| | | H | W | D | lb | kg |
| PE2-CS | 200 A pedestal meter socket, comes with hardware kit for concrete slab | 60 | 12 | 5 $\frac{5}{8}$ | 60 | 27.2 |

Diagrams



CO2 Series

200 A 120/240 V; combination with or without breaker

Product specifications

- Conductor range (line and load):
1 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For overhead and underground services
- With factory-installed neutral conductor
- Bottom compartment has provision for 2 pole circuit breaker (max 100 A) 10 kA breakers (22 kA breaker where indicated HI)
- Suitable for 120/240 V single-phase service entrance for mobile homes, trailers, temporary services, recreational parks and other commercial and residential locations
- Factory installed adjustable bracket for field installation of Siemens type QJ,QJH,QR,QRH and SQD TYPE QB and Eaton type ED
- Factory installed 2 pole circuit breaker, 10,000 a rms interrupting capacity (REMOVE RED AND ADD) UP TO 22 kA
- Supplied with screw type rings
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| | Cat. no. | Type | Description | Dimensions (in.) | | | Weight each | |
|--|--------------|--|---|----------------------------------|----------------------------------|--------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| | 4 Jaw | | | | | | | |
|  | CO2-200 | Overhead | Provision for 1 X 2 pole 10 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 28 | 12.7 |
| | CO2-125 | Overhead | Comes complete with ABB type A2A 2 pole 125 A 10 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-125-5V | Overhead | Comes complete with ABB type A2A 2 pole 125 A 10 kA rated circuit breaker, complete with 5th jaw | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-125HI | Overhead | Comes complete with ABB type A2N 2 pole 125 A 22 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-150 | Overhead | Comes complete with ABB type A2A 2 pole 150 A 10 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-150-5V | Overhead | Comes complete with ABB type A2A 2 pole 150 A 10 kA rated circuit breaker, complete with 5th jaw | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-150HI | Overhead | Comes complete with ABB type A2N 2 pole 150 A 22 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-200 | Overhead | Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-200-5V | Overhead | Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker, complete with 5th jaw | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-200HI | Overhead | Comes complete with ABB type A2N 2 pole 200 A 22 kA rated circuit breaker | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-200HI-G | Underground | Comes complete with ABB type A2N 2 pole 200 A 22 kA rated circuit breaker, complete with gutter | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| | CO2-200G | Underground | Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker, complete with gutter | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 32.6 | 14.6 |
| | CO2-G | Underground | Provision for 2 pole 200 A 10 kA rated circuit breaker, complete with gutter | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 28 | 12.7 |
| | CO2-200GBC | Underground | Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker, complete with gutter & 3 in KOs. | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 28 | 12.7 |
| CO2-GMB | Underground | Provision for 2 pole 200 A 10 kA rated circuit breaker, complete with gutter & hanging bracket kit | 32 ³ / ₄ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 28 | 12.7 | |

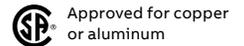
Note: Some local utilities require a gutter option for underground services. Order with suffix -G. Please check with local supply authority if mechanical connectors are accepted for underground services.

CO2M Series

200 A – Single-phase 120/240 V; combination with or without breaker and splitter

Product specifications

- Conductor range CO2M, CO2MS, CO2MS-2446, CO2MSU (line and load): 6 AWG–250 kcmil
- Conductor range CO2MSB-200, (line side and load neutral): 6 AWG-250 kcmil, (load side and neutral load): 6 AWG-300 kcmil
- For combination overhead/underground service only
- Cutler Hammer (Eaton) breaker to be field-installed
- With CO2FB braid connector (also available for field installation, cat. no. CO2FB-KIT)
- Primarily used in: Alberta



| | Cat. no. | Type | Description | Dimensions (in.) | | | Weight each | |
|--|--------------|----------------------------------|--|---------------------------------|--------------------------------|---------------------------------|-------------|------|
| | | | | H | W | D | lb | kg |
| CO2M  | 4 Jaw | | | | | | | |
| | CO2M | Combination overhead/underground | Provision for field-installed Cutler Hammer (ED) 200 A 2 pole 10 kA rated circuit breaker, provision for pole mounting (splitter not included) | 30 ³ / ₈ | 12 | 5 ¹ / ₁₆ | 28 | 12.7 |
| | CO2MS | Combination overhead/underground | Provision for field-installed Cutler Hammer (ED) 200 A 2 pole 10 kA rated circuit breaker, provision for pole mounting (splitter included) | 39 ³ / ₈ | 12 | 5 ¹ / ₁₆ | 42 | 19 |
| | CO2MS-2446 | Combination overhead/underground | Provision for field-installed Cutler Hammer (ED) 200 A 2 pole 10 kA rated circuit breaker, provision for pole mounting, comes with 2446 connector (splitter included), Fortis Alberta approved | 39 ³ / ₈ | 12 | 5 ¹ / ₁₆ | 44 | 19.5 |
| | CO2MSB-200 | Combination overhead/underground | Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker, comes with neutral bar (splitter included) | 40 ³ / ₈ | 12 | 5 ¹ / ₁₆ | 47 | 21.3 |
| | CO2MSU | Underground | Provision for field-installed Cutler Hammer (ED) 200 A 2 pole 10 kA rated circuit breaker, pedestal type for padmount applications (splitter included) | 60 ⁵ / ₃₂ | 11 ⁷ / ₈ | 5 ²⁷ / ₆₄ | 59 | 26.8 |

CO2M Series

200 A – Single-phase 120/240 V; combination with or without breaker and splitter



Cat. no. CO2FB-KIT

Diagrams

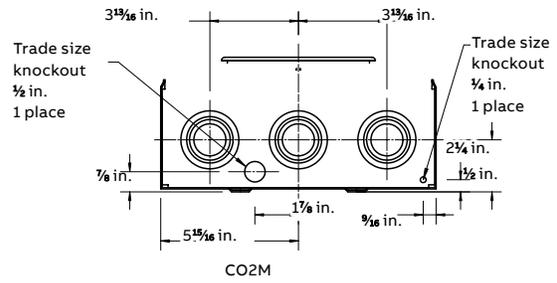
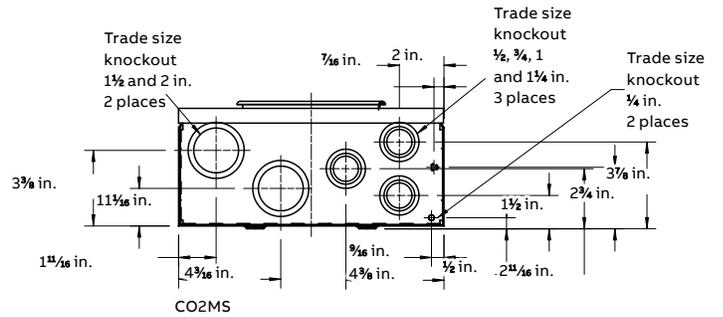
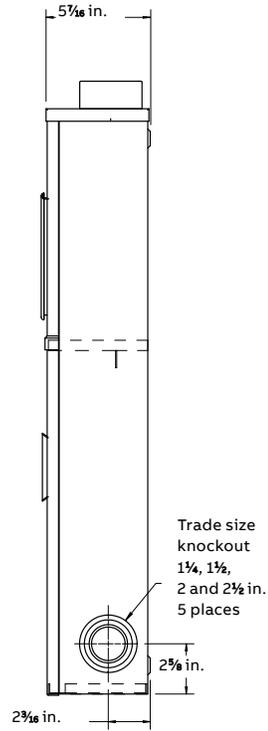


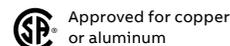
Diagram as reference only. Please contact your regional inside sales representative for other catalogue numbers and drawings pertaining to this series.

CO22 Series

200 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with or without breaker

Product specifications

- Conductor range: line: 6 AWG–250 kcmil, load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- For overhead and underground services
- Factory pre-bussed from main lugs to each position
- Supplied with hub opening closure plate for underground service
- Internal locking system for covers
- Supplied with screw type sealing rings
- Factory installed 2 pole up to 22Ka breakers type A2A 10 kA or A2N 22kA (HI)
- Eaton type ED breakers
- Comes with adjustable breaker plate to accept installation of Siemens type QJ,QJH,QR,QRH, Eaton type ED and SQD type QB
- Conductor kits are available to facilitate field installation of Siemens type QJ,QJH,QR,QRH, Eaton type ED and SQD type QB, refer to page D65
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Type | Description | Position | Dimensions (in.) | | | Weight Each | |
|------------------------|-----------------------------------|---|----------|------------------|-----|----|-------------|-------|
| | | | | H | W | D | lb | kg |
| Left-hand entry | | | | | | | | |
| CO22 | Combination overhead/underground* | 2 Gang, Provision for 2 X 2 pole 10 kA rated circuit breaker | 2 | 30 | 17½ | 5½ | 40 | 18.14 |
| CO22-200 | Combination overhead/underground* | 2 Gang, Comes complete with ABB type A2A 2 X 2 pole 200 A 10 kA rated circuit breaker | 2 | 30 | 17½ | 5½ | 40 | 18.14 |
| CO22-200HI | Combination overhead/underground* | 2 Gang, Comes complete with ABB type A2N 2 X 2 pole 200 A 22 kA rated circuit breaker | 2 | 30 | 26¼ | 5½ | 60 | 27.21 |
| CO23 | Combination overhead/underground* | 3 Gang, Provision for 3 X 2 pole 10 kA rated circuit breaker | 3 | 30 | 26½ | 5½ | 60 | 27.21 |
| CO23-200 | Combination overhead/underground* | 3 Gang, Comes complete with ABB type A2A 3 X 2 pole 200 A 10 kA rated circuit breaker | 3 | 30 | 26½ | 5½ | 60 | 27.21 |
| CO23-200HI | Combination overhead/underground* | 3 Gang, Comes complete with ABB type A2N 3 X 2 pole 200 A 22 kA rated circuit breaker | 3 | 30 | 35 | 5½ | 80 | 36.29 |
| CO24 | Combination overhead/underground* | 4 Gang, Provision for 4 X 2 pole 10 kA rated circuit breaker | 4 | 30 | 35¼ | 5½ | 80 | 36.28 |
| CO24-200 | Combination overhead/underground* | 4 Gang, Comes complete with ABB type A2A 4 X 2 pole 200 A 10 kA rated circuit breaker | 4 | 30 | 35¼ | 5½ | 80 | 36.28 |
| CO24-200HI | Combination overhead/underground* | 4 Gang, Comes complete with ABB type A2N 4 X 2 pole 200 A 22 kA rated circuit breaker | 4 | 30 | 43¾ | 5½ | 100 | 45.36 |

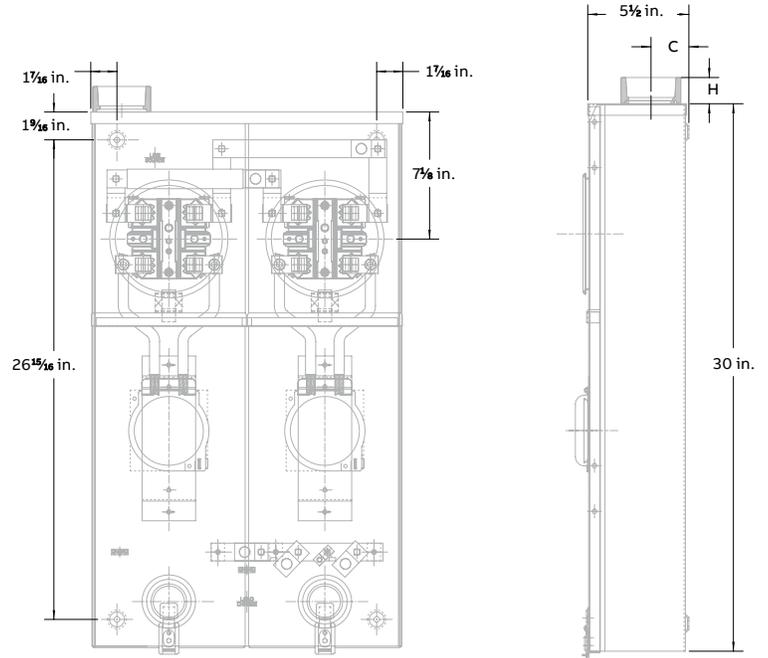
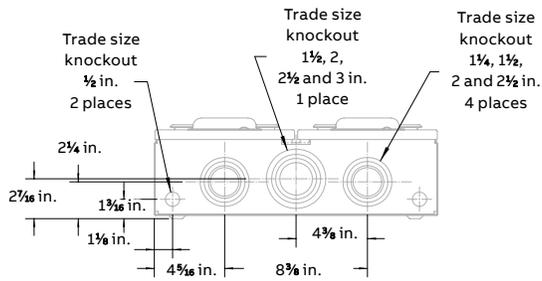
Note: Ex. CO22-XXX, suffix (XXX) can be replaced by any of the following breaker amperage options: 100, 125 or 150.



CO22 Series

200 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with or without breaker

Diagrams

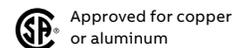


CO22-U Series

200 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with compartment with or without breaker

Product specifications

- Conductor range: line: single ½ in. stud to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for load sides
- For underground service only
- Factory pre-bussed from main lugs to each position
- Internal locking system for covers
- Supplied with screw type sealing rings
- Factory installed 2 pole up to 22kA breakers type A2A 10 kA or A2N 22kA (HI)
- Comes complete with blank compartment
- Comes with adjustable breaker plate to accept installation of Siemens type QJ,QJH.QR.QRH, Eaton type ED and SQD type QB
- Conductor kits are available to facilitate field installation of Siemens type QJ,QJH.QR.QRH, Eaton type ED and SQD type QB, refer to page D65
- CO3009A-KIT (ABB), CO3009-KIT (Siemens), CO3009SD-KIT (Square D) and CO3409FB-KIT (Eaton) conductor kits available (breakers not included) see page D64
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Type | Description | Position | Dimensions (in.) | | | Weight each | |
|------------------------|------------------|--|----------|------------------|-----|----|-------------|-------|
| | | | | H | W | D | lb | kg |
| CO22-U | | | | | | | | |
| Left-hand entry | | | | | | | | |
| CO22-U | Underground only | 2 Gang with blank compartment, Provision for 2 X 2 pole 10 kA rated circuit breaker | 2 | 30 | 26¼ | 5½ | 60 | 27.21 |
| CO22-200-U | Underground only | 2 Gang with blank compartment, Comes complete with ABB type A2A 2 X 2 pole 200 A 10 kA rated circuit breaker | 2 | 30 | 26¼ | 5½ | 60 | 27.21 |
| CO22-200HI-U | Underground only | 2 Gang with blank compartment, Comes complete with ABB type A2N 2 X 2 pole 200 A 22 kA rated circuit breaker | 2 | 30 | 26¼ | 5½ | 60 | 27.21 |
| CO23-U | Underground only | 3 Gang with blank compartment, Provision for 3 X 2 pole 10 kA rated circuit breaker | 3 | 30 | 35 | 5½ | 80 | 36.29 |
| CO23-200-U | Underground only | 3 Gang with blank compartment, Comes complete with ABB type A2A 3 X 2 pole 200 A 10 kA rated circuit breaker | 3 | 30 | 35 | 5½ | 80 | 36.29 |
| CO23-200HI-U | Underground only | 3 Gang with blank compartment, Comes complete with ABB type A2N 3 X 2 pole 200 A 22 kA rated circuit breaker | 3 | 30 | 35 | 5½ | 80 | 36.29 |
| CO24-U | Underground only | 4 Gang with blank compartment, Provision for 4 X 2 pole 10 kA rated circuit breaker | 4 | 30 | 43¾ | 5½ | 100 | 45.36 |
| CO24-200-U | Underground only | 4 Gang with blank compartment, Comes complete with ABB type A2A 4 X 2 pole 200 A 10 kA rated circuit breaker | 4 | 30 | 43¾ | 5½ | 100 | 45.36 |
| CO24-200HI-U | Underground only | 4 Gang with blank compartment, Comes complete with ABB type A2N 4 X 2 pole 200 A 22 kA rated circuit breaker | 4 | 30 | 43¾ | 5½ | 100 | 45.36 |

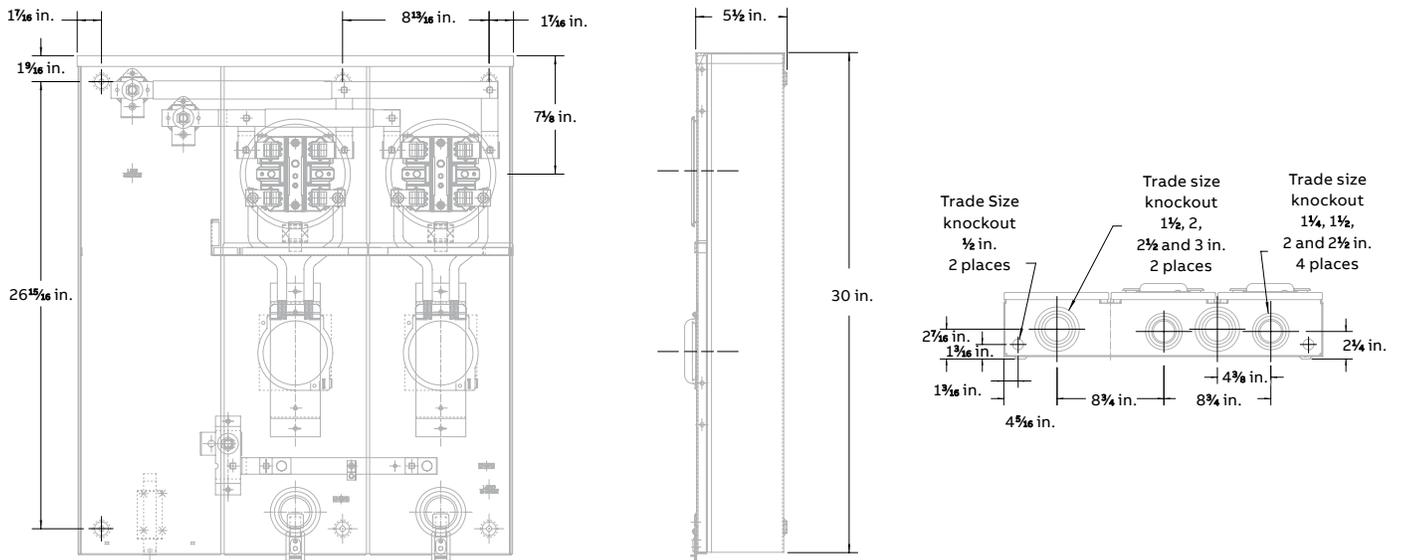
Note: Ex. CO22-XXX, suffix (XXX) can be replaced by any of the following breaker amperage options: 100, 125 or 150.



CO22-U Series

200 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with compartment with or without breaker

Diagrams

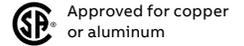


CO42 Series

400 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with compartment with or without breaker

Product specifications

- Conductor range: line: dual rated connectors for 1 x 4 AWG–600 kcmil or 2 x 1/0 AWG–250 kcmil, load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for both load and line sides
- Combination overhead/underground
- Factory pre-bussed from main lugs to each position
- Supplied with hub opening closure plate for underground service
- Internal locking system for covers
- Larger hub opening requires use of 3 in., 3½ in. or 4 in. hubs unless BS052 adaptor plate is used
- Comes complete with blank compartment
- Supplied with screw type rings
- Factory installed 2 pole up to 22Ka breakers type A2A 10 kA or A2N 22kA (HI)
- Comes with adjustable breaker plate to accept installation of Siemens type QJ,QJH,QR,QRH, Eaton type ED and SQD type QB
- With adjustable breaker plate for field installation of Square D type QBL and Eaton type ED breakers
- Conductor kits are available to facilitate field installation of Siemens type QJ,QJH,QR,QRH, Eaton type ED and SQD type QB, refer to page D65
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



| Cat. no. | Type | Description | Position | Dimensions (in.) | | | Weight Each | |
|------------------------|----------------------------------|--|----------|------------------|-----|----|-------------|-------|
| | | | | H | W | D | lb | kg |
| Left-hand entry | | | | | | | | |
| CO42 | Combination overhead/underground | 2 Gang with blank compartment, Provision for 2 X 2 pole 10 kA rated circuit breaker | 2 | 37½ | 26¼ | 5½ | 75 | 39 |
| CO42-200 | Combination overhead/underground | 2 Gang with blank compartment, Comes complete with ABB type A2A 2 X 2 pole 200 A 10 kA rated circuit breaker | 2 | 37½ | 26¼ | 5½ | 75 | 39 |
| CO42-200HI | Combination overhead/underground | 2 Gang with blank compartment, Comes complete with ABB type A2N 2 X 2 pole 200 A 22 kA rated circuit breaker | 2 | 37½ | 26¼ | 5½ | 75 | 39 |
| CO43 | Combination overhead/underground | 3 Gang with blank compartment, Provision for 3 X 2 pole 10 kA rated circuit breaker | 3 | 37½ | 39¾ | 5½ | 100 | 36.29 |
| CO43-200 | Combination overhead/underground | 3 Gang with blank compartment, Comes complete with ABB type A2A 3 X 2 pole 200 A 10 kA rated circuit breaker | 3 | 37½ | 39¾ | 5½ | 100 | 36.29 |
| CO43-200HI | Combination overhead/underground | 3 Gang with blank compartment, Comes complete with ABB type A2N 3 X 2 pole 200 A 22 kA rated circuit breaker | 3 | 37½ | 39¾ | 5½ | 100 | 36.29 |
| CO44 | Combination overhead/underground | 4 Gang with blank compartment, Provision for 4 X 2 pole 10 kA rated circuit breaker | 4 | 37½ | 43½ | 5½ | 125 | 56.70 |
| CO44-200 | Combination overhead/underground | 4 Gang with blank compartment, Comes complete with ABB type A2A 4 X 2 pole 200 A 10 kA rated circuit breaker | 4 | 37½ | 43½ | 5½ | 125 | 56.70 |
| CO44-200HI | Combination overhead/underground | 4 Gang with blank compartment, Comes complete with ABB type A2N 4 X 2 pole 200 A 22 kA rated circuit breaker | 4 | 37½ | 43½ | 5½ | 125 | 56.70 |

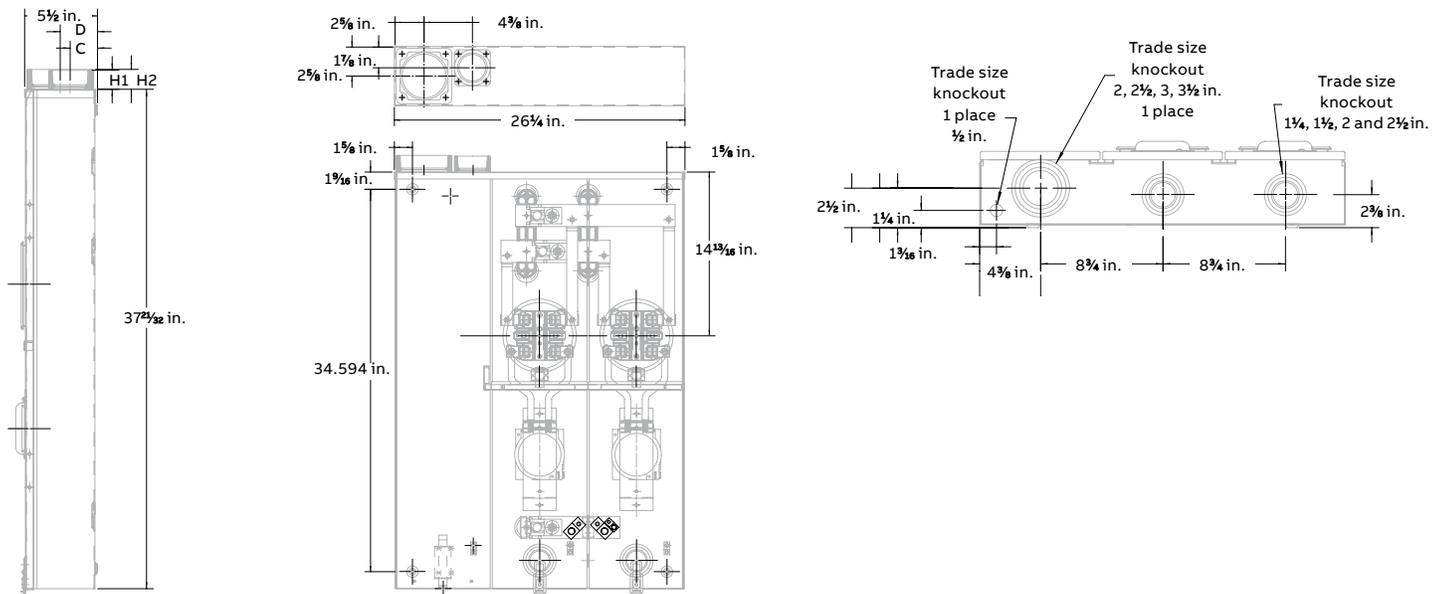
Note: Ex. CO42-XXX, suffix (XXX) can be replaced by any of the following breaker amperage options: 100, 125 or 150.



CO42 Series

400 A (main lugs), 200 A per position, single-phase 120/240 V; multiple position combination with compartment with or without breaker

Diagrams



CO27 Series

200 A, 120/208 V; combination polyphase with breaker

Product specifications

- Conductor range (line and load): 2 AWG–250 kcmil
- Aluminum tunnel type connectors
- Suitable for 120/208 V polyphase service entrance
- For overhead installation
- Larger hub opening requires use of 3 in., 3½ in. or 4 in. hubs unless BS052 adaptor plate is used
- Factory-installed 3 pole circuit breaker, 10,000 A rms interrupting capacity
- “QR” Type Siemens 10 kA breaker
- Weatherproof Type 3R enclosure
- Supplied with screw type rings
- Primarily used in: All provinces



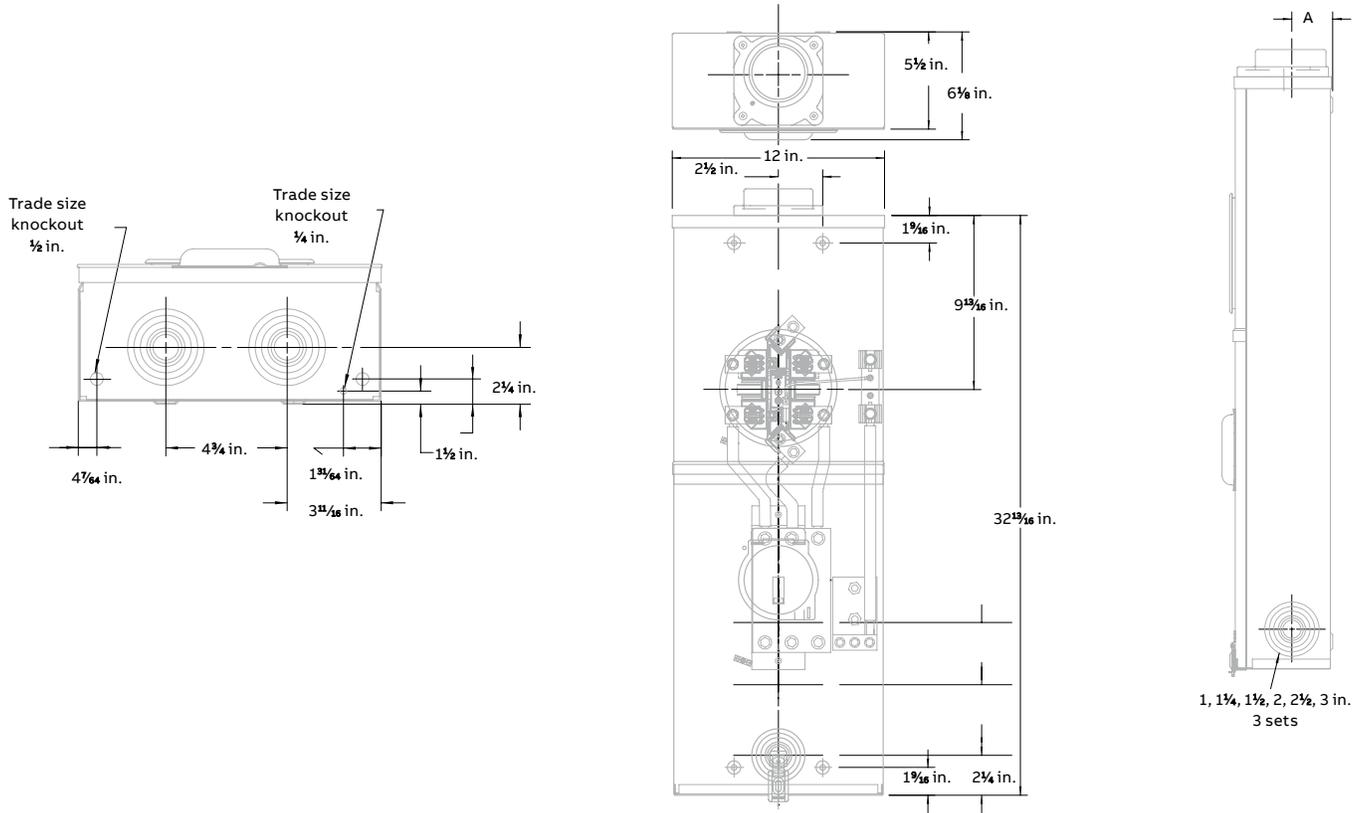
| Cat. no. | Type | Description | Dimensions (in.) | | | Weight each | |
|--|----------|--|------------------|----------------------------------|--------------------------------|-------------|------|
| | | | H | W | D | lb | kg |
| Left-hand entry, comes with breaker | | | | | | | |
| CO27B-100 | Overhead | Comes with Siemens QR 100 A 3 pole 10 kA rated circuit breaker | 32¾ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| CO27B-150 | Overhead | Comes with Siemens QR 150 A 3 pole 10 kA rated circuit breaker | 32¾ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |
| CO27B-200 | Overhead | Comes with Siemens QR 200 A 3 pole 10 kA rated circuit breaker | 32¾ | 11 ¹³ / ₁₆ | 5 ⁷ / ₁₆ | 30 | 13.6 |



CO27 Series

200 A, 120/208 V; combination polyphase with breaker

Diagrams



BP320 Series

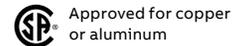
320 A 600 V self-contained meter socket

Product specifications overhead

- 320 A overhead 600 V maximum
- Self-contained meter socket with bypass mechanism
- Single-phase service
- Line and load side termination; tunnel type connectors; dual rated for 1 x 500 kcmil or 2 x 250 kcmil
- Neutral termination; tunnel type connectors; dual rated 2 x 250 kcmil
- Supplied with screw type sealing ring
- Weatherproof type 3R enclosure
- Primarily used in: All provinces

Product specifications underground

- 320 A underground 600 V maximum
- Self-contained meter socket with bypass mechanism
- Single-phase service
- Neutral and line side terminations; double ½ in. studs to accommodate compression lugs for underground service (1 x 500 kcmil or 2 x 250 kcmil)
- Load side terminations; tunnel type connectors; dual rated for 1 x 500 kcmil or 2 x 250 kcmil
- Neutral load side terminations; tunnel type connectors; dual rated 2 x 250 kcmil
- Supplied with screw type sealing ring
- Weatherproof type 3R enclosure
- Primarily used in: All provinces



| | Cat. no. | Type | Description | Color | Position | Dimensions (in.) | | | Weight each | |
|---|--------------|-------------|--|-----------|----------|---------------------------------|---------------------------------|---------------------------------|-------------|-------|
| | | | | | | H | W | D | lb | kg |
|  | BP320-V | Overhead | Overhead 320 A 120/240 V with bypass mechanism | Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-V-250 | Overhead | 320 AMP 120/240 with bypass mechanism with 2 x 250 kcmil lugs | Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-V-08 | Overhead | Overhead 320 A 120/240 V with bypass mechanism | Dark Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-V-09 | Overhead | Overhead 320 A 120/240 V with bypass mechanism | White | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-V-11 | Overhead | Overhead 320 A 120/240 V with bypass mechanism | Beige | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-TV | Underground | Underground 320 A 120/240 V with bypass mechanism | Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-TV-250 | Underground | 320 AMP 120/240 v with by pass mechanism comes with 2 x 250 kcmil lugs | Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-TV-08 | Underground | Underground 320 A 120/240 V with bypass mechanism | Dark Grey | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-TV-09 | Underground | Underground 320 A 120/240 V with bypass mechanism | White | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |
| | BP320-TV-11 | Underground | Underground 320 A 120/240 V with bypass mechanism | Beige | 1 | 34 ³ / ₁₆ | 15 ⁹ / ₁₆ | 5 ¹⁵ / ₁₆ | 47 | 21.31 |

Accessory

BP250

BP250

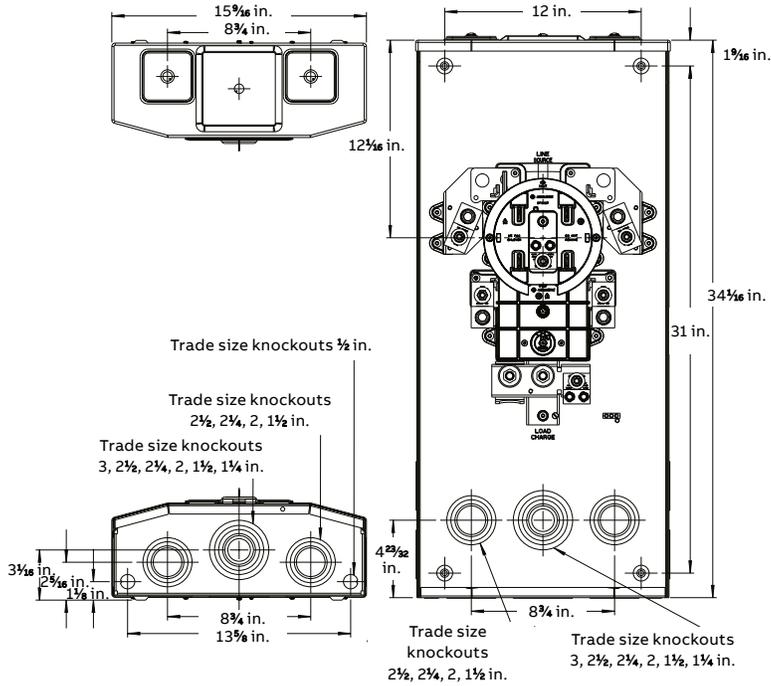
Connector kit 2 x 250 kcmil



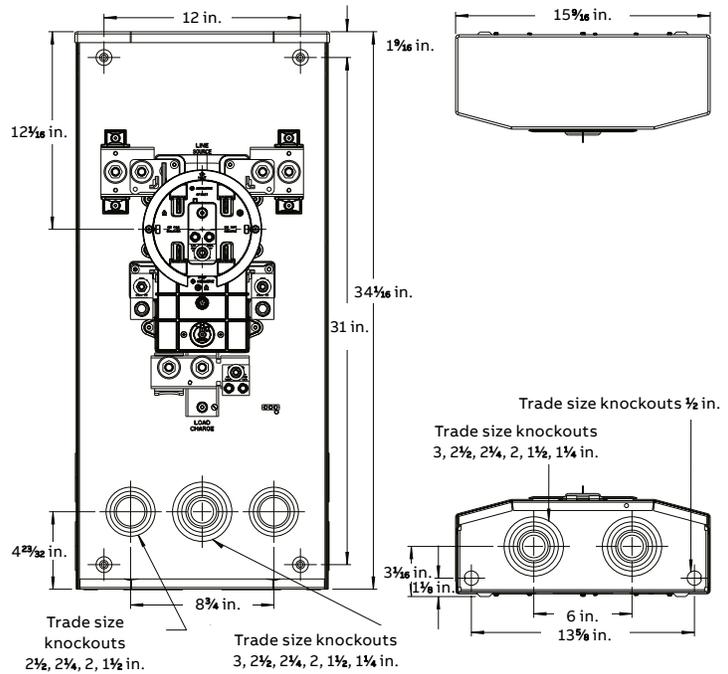
BP320 Series

320 A 600 V self-contained meter socket

Diagrams



Overhead



Underground

FA4B-6T

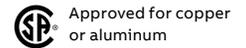
400 A 600 V; "all in one" transformer rated

Product specifications

- Max. single conductor 600 kcmil Cu or dual parallel conductors 250 kcmil Cu/Al
- Load and line side termination at discretion of utility
- For underground service only
- Meter socket configuration for 6 jaws
- Complete with 6 pole test switch
- Complete with 2 fuseholders and 3 A 32 V fuses
- Installation of current transformer at discretion of utility

- Two 1 in., 1¼ in., 1½ in., 2 in., 2½ and 3 in. bottom KOs
- Permanent red nameplate affixed to front cover warns that removal of meter does not isolate the load terminals; also warning to short circuit current transformer (secondary) before removal of meter
- Weatherproof Type 3R enclosure
- Primarily used in: Alberta

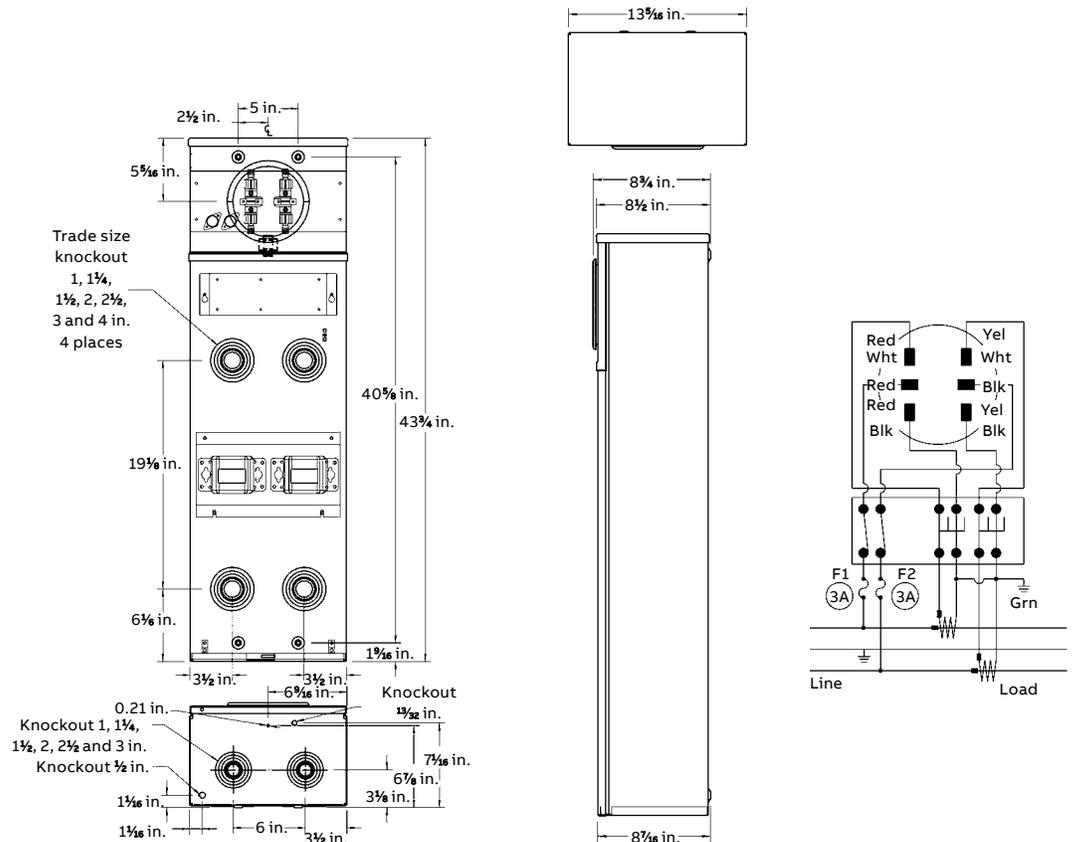
Note: Photo is of an installed meter socket; current transformers are not included.



FA4B-6T

| Cat. no. | Description | Dimensions (in.) | | Weight each | |
|----------|--|---------------------------------|--------------------------------|-------------|-------|
| | | H | D | lb | kg |
| FA4B-6T | Underground, comes with 6 pole test switch | 13 ³ / ₁₆ | 8 ⁷ / ₁₆ | 50 | 22.67 |

Diagrams



JS4 Series

400 A 120/240 V; single-phase service



JS4B



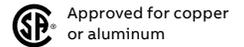
KIT-400MH
(see page D64)

Product specifications

- Load side terminations: tunnel type connectors, dual rated for 1 x 500 kcmil or 2 x 250 kcmil
- Fully wired secondary circuits
- Line side terminations: double ½ in. studs to accommodate compression lugs (supplied by utility) for underground service (1 x 500 kcmil or 2 x 250 kcmil)
- Permanent red nameplate affixed to front cover warns that removal of meter does not isolate the load terminals; warning to short circuit current transformer secondary before removal of meter on JS4B
- Meter socket configuration for 5 jaw meters (can be readily converted to suit meter forms requiring 4 blades)
- 400/5 A three-wire current transformer provides low current for service metering proportional to higher current draw; Consumer and Corporate Affairs Canada approved for revenue metering (200/5 and 300/5 A also available)

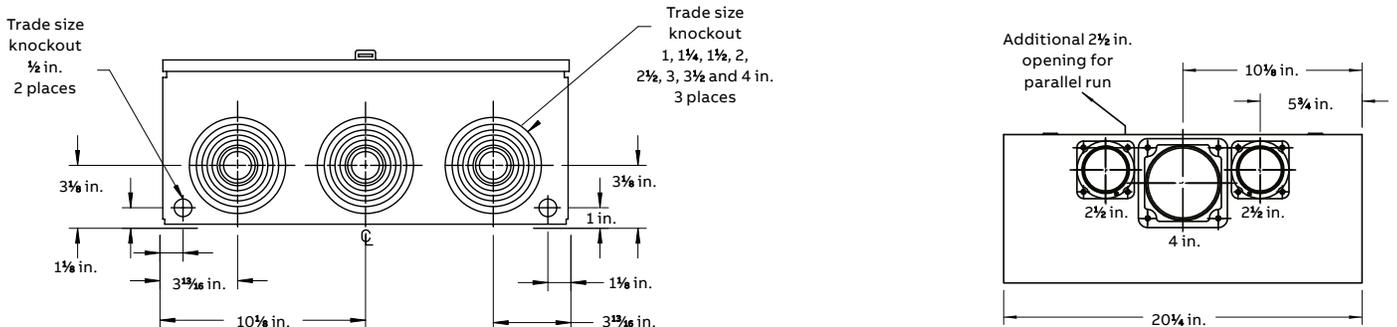
- Gutter wiring space provided on left side
- Twin covers allow access to either compartment (single cover available on request)
- Hub opening closure plate for underground service (All units can be converted to overhead service with addition of conduit hub and JS250 or JS500 tunnel type connector kit)
- Hinged bridges and readily removable crossbar with keyholes permit easy wiring without obstructions
- Heavy gauge galvanized steel with oven-cured grey enamel finish
- For aluminum JS4, see page D52 for product specs and dimensions
- Three 1¼ in., 1½ in., 2 in., 2½ in., 3 in., 3½ in., 4 in. bottom knockouts
- Weatherproof Type 3R enclosure
- Provincial approval may change without notice. Consult your local utility.

Product usage by province/utility



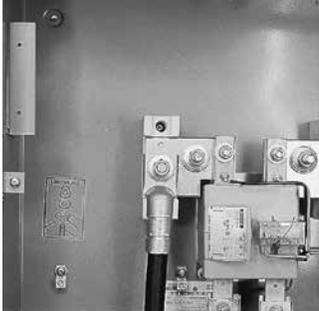
| | | | | | |
|----------------------|-------------------------------|-------------------------|-----------------------|-------------------------|---------------|
| Newfoundland | JS4B-4ST, JS4B-NL, JS4B-EALNL | Saskatchewan | None approved | Northern Ontario | None approved |
| Quebec | None approved | Alberta | JS4B-4T | Cornwall Hydro | None approved |
| Nova Scotia | JS4B-STNS, JS4B STNSEAL | British Columbia | JS4B-STWINL | Ottawa Hydro | None approved |
| New Brunswick | JS4B (EAL) | Hydro Ontario | JS4B-4 JS4B-ST, JS4AB | Toronto Hydro | None approved |
| Manitoba | JS4B-TWLMH, JS4B TWLEALMH | Hydro-One | JS4B-TLHO | | |

Diagrams



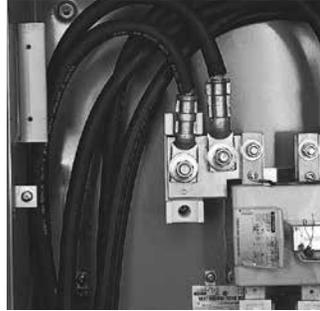
JS4 Series

400 A 120/240 V; Single-phase service

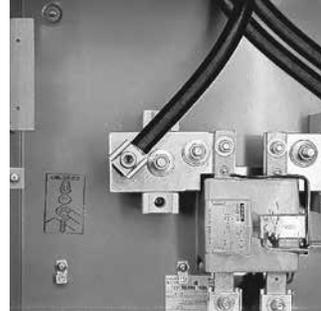


1 x 500 kcmil

Underground service

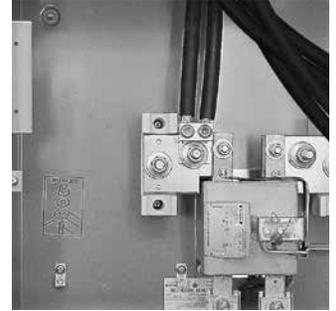


2 x 250 kcmil

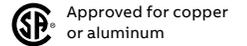


1 x 500 kcmil
with kit no. JS500

Overhead service



2 x 250 kcmil
with kit no. JS250



| Cat. no. | JS4 underground 400 to 5 ratio • 5 jaw • twin cover |
|----------|---|
| JS4B | Equipped with test switches |

| Include | Factory modifications |
|----------|--|
| -4 | 4 jaw meter socket configuration |
| -S | Provision only for test switches (test switches supplied by power authority) |
| -T | Provision only for current transformer (transformer supplied by power authority) |
| -W | Secondary circuit wiring not included (secondary circuit wired by power authority) |
| -Z | “Peerless security” collar (S102WD) |
| -200 / 5 | 200 A to 5 ratio current transformer |
| -300 / 5 | 300 A to 5 ratio current transformer |

| Cat. no. | Overhead entry conversion kits (1 kit required per socket) |
|----------|---|
| JS250 | 2 x 250 kcmil tunnel connector kit for line side terminations |
| JS500 | 1 x 500 kcmil tunnel connector kit for line side terminations |
| KIT-JS4B | 5 th jaw assembly kit for NB Power |

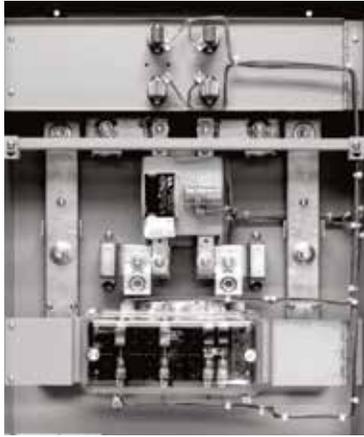
Note: Refer to page D51 for “Product usage by province utility.”

JS4 Aluminum series

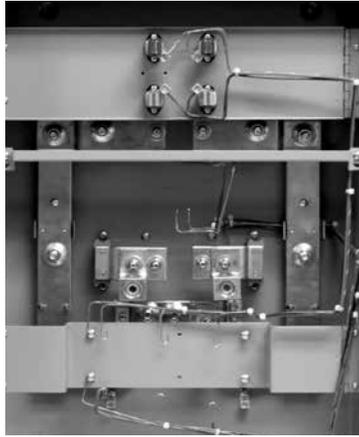
Single-phase service

Product specifications

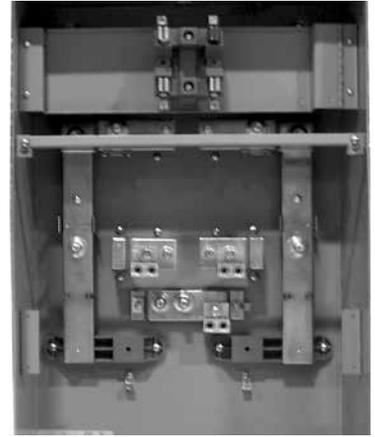
- Line side terminals: overhead: 1 x 750 kcmil Cu/Al or 2 x 350 kcmil Cu/Al; underground: 2 x ½ in. stud to accommodate, 1 x 750 kcmil or 2 x 350 kcmil Cu/Al compression lugs
- Load side terminals: 1 x 750 kcmil Cu/Al or 2 x 250 kcmil Cu/Al
- Combination overhead/underground meter socket
- 4 jaw meter socket configuration
- Overhead kit required (1 kit per socket) (line side only*)
- JS350 2 x 350 kcmil overhead kit
- JS750 1 x 750 kcmil overhead kit



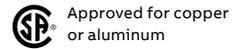
JS4B-EAL
(New Brunswick)



JS4B-STNSEAL
(Nova Scotia)

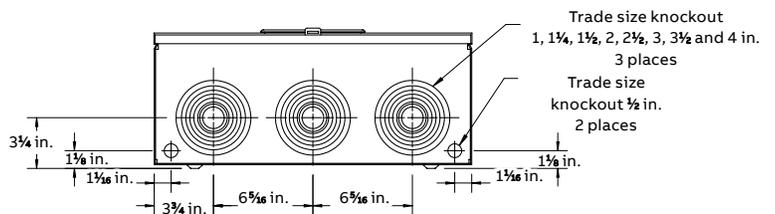


JS4B-TWLEALMH
(Manitoba)



| Cat. no. | Description | Dimensions (in.) | | | Weight each | |
|---------------|---|--------------------------------|---------------------------------|-------------------------------|-------------|-------|
| | | H | W | D | lb | kg |
| JS4B-TWLEALMH | Aluminum feed 400 A meter socket (Manitoba only) | 38 ¹ / ₈ | 20 ¹ / ₁₆ | 8 ³ / ₄ | 70 | 31.75 |
| JS4B-EAL | Aluminum feed 400 A meter socket (New Brunswick only) | 38 ¹ / ₈ | 20 ¹ / ₁₆ | 8 ³ / ₄ | 72 | 32.65 |
| JS4B-STNSEAL | Aluminum feed 400 A meter socket (Nova Scotia only) | 38 ¹ / ₈ | 20 ¹ / ₁₆ | 8 ³ / ₄ | 72 | 32.65 |

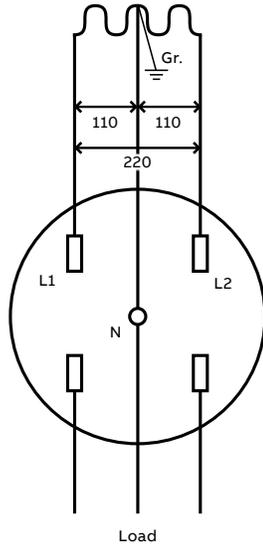
Diagrams



Typical wiring diagrams

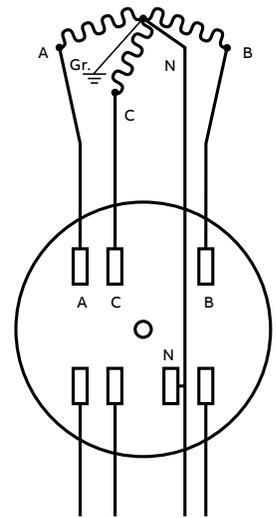
Reference meter sockets **4 Jaw**
110/220 V 1PH3 W

BA3-
BE1-
BQ2-
BS2-
MO2-
CO2-



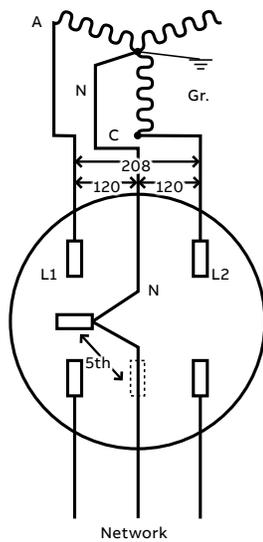
Reference meter sockets **7 Jaw**
3 PH 4 W

PL17
PL27



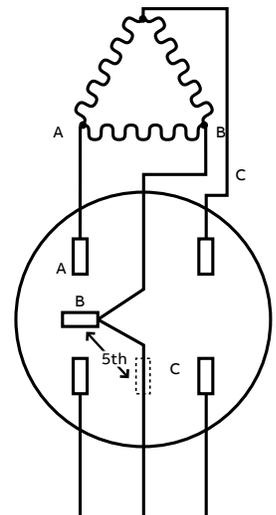
Reference meter sockets **5 Jaw**
3 PH 4 W

BE1-5
BQ2-5
BS2-5
BE1-6
BS2-6



Reference meter sockets **5 Jaw**
3 PH 3 W

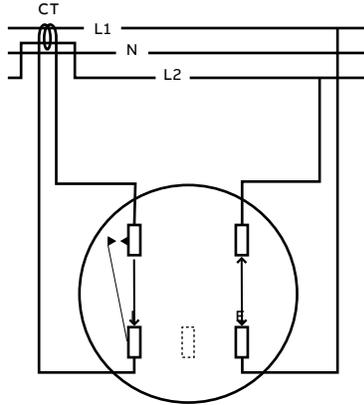
BE1-5-INV
BS2-5-IN



Typical wiring diagrams

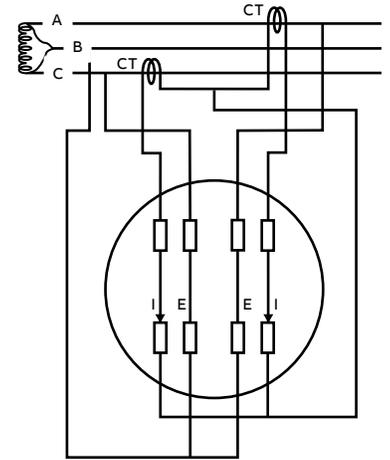
Reference meter sockets **4 Jaw 1 PH**
CMS

CT104
CL4-V



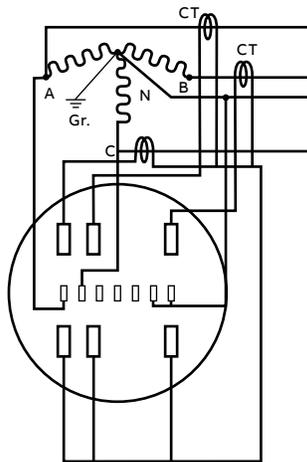
Reference meter sockets **8 Jaw 3 PH 3 W**

CT108



Reference meter sockets **13 Jaw 3 PH 3 W**

CT113



Accessories

Stainless steel sealing ring

| | Cat. no. | Description |
|---|----------|--|
|  | MSR-C2 | Stainless steel sealing ring, tamper-proof |

Polycarbonate sealing ring

| | Cat. no. | Description |
|---|----------|---------------------------------------|
|  | S102WD | Ring, available with any meter socket |

When ordering any meter socket, add suffix "Z" to meter socket cat. no. to exchange standard stainless steel ring for S102WD model.



Meter protectors

Product specifications

- Meter protector for use in problem areas (trailer parks, playgrounds, conservation areas)
- Steel construction (16 ga. galv. steel)
- Clear, unbreakable polycarbonate front cover, which allows full view of meter revenue reading and serial number
- Sealing and padlocking provision
- Grey painted

| | Cat. no. | Description |
|--|----------|---|
| | MP01 | 7 $\frac{1}{8}$ in. dia. x 4 $\frac{3}{4}$ in. deep for use with single-phase residential meters |
| | MP02 | 7 $\frac{1}{8}$ in. dia. x 8 $\frac{3}{4}$ in. deep for use with all meters, other than single-phase residential meters |

Accessories

Blank meter cover plates



| Cat. no. | Description |
|----------|---------------------------------|
| BS087 | Grey ABS |
| BS089 | Plastic "throw-away" cover |
| BS090 | Clear unbreakable polycarbonate |

Not recommended as a permanent cover for energized meter sockets.

Jumper bar



| Cat. no. | Description |
|----------|-------------|
| CM-BS100 | 200 A max. |

Mast coupler



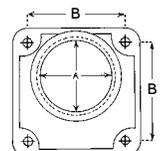
| Cat. no. | Description |
|----------|--|
| MH200 | Fits all sockets with regular 2½ in. hub opening |

Mast hubs



| | Cat. no. | PVC cat. no. | A hub size (in.) | B |
|-------|----------|--------------|------------------|---|
| MH10X | MH10X | — | 1 | For 2½ in. regular hub opening (add hub adapter plate BS052 if used with units having 4 in. hub openings) |
| | MH12X | E991G | 1¼ | |
| | MH15 | E991H | 1½ | |
| | MH20 | E991J | 2 | |
| | MH25 | E991K | 2½ | For 4 in. hub opening |
| | MH30 | E991L | 3 | |
| | MH35 | — | 3½ | |
| | MH40 | — | 4 | |

Diagram



Supplied with 4 Robertson head screws.

Accessories

Hub adapter plate



| Cat. no. | Description |
|----------|---|
| BS052 | Permits use of regular size hubs on larger hub openings |

Hub opening closure plates



| Cat. no. | Description |
|----------|--|
| BS051 | Inside attachment for regular hub opening (i.e. 1 in. to 2½ in.) |
| BS054 | Inside attachment for larger hub opening (i.e. 3 in. to 4 in.) |

Insulated neutral kits



| Cat. no. | Description |
|------------------------------|-------------|
| IN1000BA, IN1000BE, IN1000PL | 100 A Max. |
| IN2000BS, IN2000PL | 200 A Max. |

Specify socket when ordering.

Insulated neutral kit



| Cat. no. | Description |
|----------|------------------|
| IN4000JS | 400 A Max. (JS4) |

Accessories

Ground lug on neutral kit



| Cat. no. | Description |
|----------|--------------------------------|
| GN2000 | 200 A Max. for BQ2, BS2 series |

Identification marker kits



| Cat. no. | Description | Markers Kit Includes | Qty. |
|--------------|--------------------------|--|------|
| MINI-ID-KIT | Plastic case | Stainless steel markers of each numbers 0 through 9 (dash + service) | 10 |
| MICRO-ID-KIT | Blue metal carrying case | Stainless steel markers of each letters A through D | 10 |
| | | Stainless steel markers of each numbers 0 through 9 | 10 |
| | | Word "SERVICE" | 10 |
| | | CM-BS100 Jumper bar 200 A max. | 4 |
| | | LS500 Meter jaw safety shroud | 10 |

Identification markers



| Cat. no. | Description |
|---------------------|---|
| No. 0 through No. 9 | Clipped to the upper lip of the enclosure; provides permanent customer identification; packed and sold in polyethylene bags of 10 identical markers except "SERVICE" which has 7 individual letters |
| No. A through No. Z | |
| No. SERVICE | |

Consist of thermoplastic insulators with jaws and connectors assembled for replacement of one meter socket

Accessories

Ready-to-install replacement block assemblies

| | Cat. no. | Description |
|---|-----------------|-----------------------|
|  | BA3-X | Fits BA3 / BE1 series |

| | Cat. no. | Description |
|--|-----------------|--------------------|
|  | PL17X | Neutral 200 A |

| | Cat. no. | Description |
|--|-----------------|---------------------------------|
|  | BS2-X-UNI | Fits BQ2 / BS2 series uni block |

| | Cat. no. | Description |
|---|-----------------|----------------------------|
|  | PL27-XEB | Fits PL27 series uni block |

| | Cat. no. | Description |
|---|-----------------|--------------------|
|  | BS2-XBGN-UNI | Neutral 200 A |

| | Cat. no. | Description |
|---|-----------------|---------------------------|
|  | MO2-X-UNI | Fits MO2 series uni block |

Accessories

Repair kits

Replacement part kits

| | Cat. no. | For meter socket | Components* |
|---|----------------------|------------------|--|
|  | REPAIR KIT BE1-TCV | BE1-TCV | BS2027, CDA110, BONDLUG2, SCREW-BS1002 |
| | REPAIR KIT BQ2-V | BQ2-V | BS2027, BS2611L, BONDLUG2, SCREW-BS2402 |
| | REPAIR KIT BQ2-VGN | BQ2-VGN | BS2027, BS2411GN, BONDLUG2, SCREW-BS2402 |
| | REPAIR KIT BS2-TCV | BS2-TCV | BS2027, BS2611L, BONDLUG2, SCREW-BS2402 |
| | REPAIR KIT BS2-TCVBC | BS2-TCVBC | BS2027, BS2611L, NA75Z-3, SCREW-BS2402 |
| | REPAIR KIT MO2V/VO | MO2V/VO | BS2027, BS8608, BONDLUG2, SCREW-BS2402 |

* Each part comes in a bag of 10.

Easy to reorder. Simply add suffix -FG to the components listed in the kit.

Bond lug

| | Cat. no. | Description |
|---|-------------|--|
|  | BONDLUG2-FG | Bond lug to be used in BE1, BQ2, BS2, MO2- |
|  | NA75Z-3-FG | Bond lug to be used in BS2-TCVBC |

Neutral lug

| | Cat. no. | Description |
|---|-----------|-----------------------|
|  | BS8608-FG | Neutral for MO2 200 A |
|  | CDA110-FG | Neutral for BE1 100 A |

Shroud

| | Cat. no. | Description |
|--|-----------|-----------------------------|
|  | BS2027-FG | Red meter jaw safety shroud |

Set screw

| | Cat. no. | Description |
|--|----------------------|-------------------------------|
|  | SCREW-BS1002-FG 100A | Set screw only for 100 A lugs |
| | SCREW-BS2402-FG 200A | Set screw only for 200 A lugs |

Neutral

| | Cat. no. | Description |
|--|-------------|----------------------------------|
|  | BS2611L-FG | Neutral 200 A |
|  | BS2411GN-FG | Neutral 200 A, comes with ground |

Accessories

Fifth jaw assemblies



| Meter socket series | Standard capacity | Full capacity | | Full capacity |
|---|--------------------|--------------------|--------------------|--------------------|
| | 9 o'clock position | 9 o'clock position | 9 o'clock position | 6 o'clock position |
| | C205 | Z105* | Z205* | CM-B106* |
|  | BA3 | • | • | |
| | BDC | • | | • |
| | BE1 | • | • | |
| | BE2 | • | • | |
| | BEC | • | • | |
| | BD2 | • | | • |
| | BQ2 | • | | • |
| | BS2 / BS2L | • | | • |
| | BS4 / BSC4 | • | | • |
| | CO1 | • | • | |
| | CO2 | • | | • |
| | CO1 Multigang | • | • | |
| | JS4B | • | | |

* CSA not applicable

Pole mount bracket kit

| Cat. no. | Description | Conductor range (AWG) | Use with series | Option 1 | Option 2 |
|---|---|-----------------------|--|----------------------------------|--|
|  | Secures Microelectric meter socket to a wooden pole via option 1 or 2 | 14-2 | BA3, BE1, BQ2, BS, CL, CO1, CO2, CT, MO2, PL17, PL27, VT | Use a lag bolt through | Use the two side bracket mounting |
| | | | | $\frac{5}{8}$ in. center keyhole | holes (0.320 in. dia.) to wrap around the pole |

Suitable for any Microelectric meter socket with mounting holes 5 in. apart. Attach meter socket using one or two bracket(s). PMB200 kit comes complete with 2 brackets, 1 ground connector. Includes assembly hardware.

Accessories

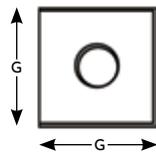
Pole mounting kit

| | Cat. no. | Kit includes | Weight | | Qty. |
|---|----------|--|--------|------|------|
| | | | lb | kg | |
|  | PMBJS4 | Support hangers | 9.03 | 4.09 | 2 |
| | | 1/2 in. x 4 in. lag bolt | - | - | 1 |
| | | 3/8 in. x 3 in. lag bolt | - | - | 4 |
| | | 5/16 in. x 1 in. carriage bolts, nuts and lock washers | - | - | - |
|  | PMB6X12 | 6 in. offset from pole c/w 12 in. strut | 7.7 | 3.5 | 1 |
| | PMB6X24 | 6 in. offset from pole, comes with 24 in. strut | 9.2 | 4.2 | 1 |
| | PMB9X12 | 9 in. offset from pole, comes with 12 in. strut | 9.2 | 4.2 | 1 |
| | PMB9X24 | 9 in. offset from pole, comes with 24 in. strut | 11.0 | 5.0 | 1 |

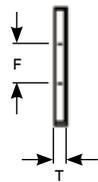
Pole line hardware

| Cat. no. | Description | F dia. (in.) | G dia. (in.) | H dia. (in.) | T thick (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|---------------|--------------|--------------|--------------|---------------|------------------|------|-----------|
| | | | | | | lb | kg | |
| RC729 | Square washer | 5/8 | 2 | - | 3/16 | 22 | 10.0 | 400 |
| BC301L | Carriage bolt | 3/8 | 1 1/2 | 1 1/2 | - | 11 | 5.0 | 50 |
| BO506 | Oval eye bolt | 5/8 | 6 | 3 | - | 122 | 55.4 | 50 |
| BO508 | Oval eye bolt | 5/8 | 8 | 4 | - | 136 | 61.8 | 50 |
| BO510 | Oval eye bolt | 5/8 | 10 | 4 | - | 150 | 68.1 | 50 |
| BO512 | Oval eye bolt | 5/8 | 12 | 4 | - | 168 | 76.3 | 50 |

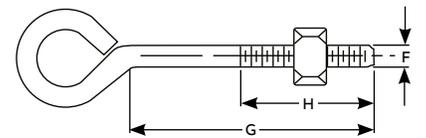
Diagrams



RC729



BC301L



BO series

Accessories

Breaker mounting bracket

| | Cat. no. | Description |
|---|------------|---|
|  | CO3517M-FG | Adjustable mounting bracket for CO2 series to adapt to Siemens, Square D and Eaton breakers |

Flexible braid and conductor kits

| | Cat. no. | Description |
|---|--------------|---|
|  | CO2FB-KIT | Connection wire adaptor kit for CO2 series meter sockets for field installation; to be used with Cutler Hammer breakers |
|  | CO3009-KIT | Siemens type "QR" breaker conductor kit (breakers not included) |
|  | CO3009SD-KIT | Square D breaker conductor kit (breakers not included) |
|  | CO3409FB-KIT | Eaton breaker flexible braid kit (breakers not included) |
|  | CO3009A2-KIT | ABB breaker conductor kit (breakers not included) |
| | CO1009A1-KIT | ABB Breaker conductor kit for 100 A type A1A |

Connector kit

| | Cat. no. | Description |
|---|----------|-----------------------------|
|  | BP250 | Connector kit 2 x 250 kcmil |

Breakers

| | Cat. no. | Description |
|---|-----------------|-------------------------|
| | A1A100TL2TNB-FG | ABB 100 A 10 kA breaker |
| | A1N100TL2TNB-FG | ABB 100 A 22 kA breaker |
|  | A2A125TL2TNB-FG | ABB 125 A 10 kA breaker |
|  | A2A150TL2TNB-FG | ABB 150 A 10 kA breaker |
|  | A2A200TL2TNB-FG | ABB 200 A 10 kA breaker |
|  | A2N125TL2TNB-FG | ABB 125 A 22 kA breaker |
|  | A2N150TL2TNB-FG | ABB 150 A 22 kA breaker |
|  | A2N200TL2TNB-FG | ABB 200 A 22 kA breaker |

Meter covers

| Meter series | With meter hole | Without meter hole |
|--------------|------------------|--------------------|
| BA | 1 X BS3321 FG | - |
| BE1 | 1 X BS1321 FG | - |
| BE2V | 2 X BS1321 FG | - |
| BE3V | 3 X BS1321 FG | - |
| BE4V | 4 X BS1321 FG | - |
| BE5V | 5 X BS1321 FG | - |
| BE6V | 6 X BS1321 FG | - |
| BEC2V | 2 X BS4321 FG | 1 X BS4321A FG |
| BEC3V | 3 X BS4321 FG | 1 X BS4321A FG |
| BEC4V | 4 X BS4321 FG | 1 X BS4321A FG |
| BEC5V | 5 X BS4321 FG | 1 X BS4321A FG |
| BEC6V | 6 X BS4321 FG | 1 X BS4321A FG |
| BP2-TV | 1 X PL7321 FG | - |
| BS2-TCVFA | 1 X BSC3321FA FG | - |
| BQ2V | 1 X BS2321 FG | - |
| BS2V | 1 X BSC2321 FG | - |
| BS2L | 1 X BSC2321 FG | - |
| MO2V/ VO | 1 X BS8321 FG | - |
| PL17 | 1 X BS2321 FG | - |
| PL27 | 1 X PL7321 FG | - |
| BS42 | 2 X BS5521-FG | 1 X BS5521A-FG |
| BS43 | 3 X BS5521-FG | 1 X BS5521A-FG |
| BS44 | 4 X BS5521-FG | 1 X BS5521A-FG |
| BS45 | 5 X BS5521-FG | 1 X BS5521A-FG |
| BS46 | 6 X BS5521-FG | 1 X BS5521A-FG |
| BSC42V | 2 X BS5521-FG | 2 X BS5521A-FG |
| BSC43V | 3 X BS5521-FG | 2 X BS5521A-FG |
| BSC44V | 4 X BS5521-FG | 2 X BS5521A-FG |
| BSC45V | 5 X BS5521-FG | 2 X BS5521A-FG |
| BSC46V | 6 X BS5521-FG | 2 X BS5521A-FG |
| BD2V | 2 X BD5421 FG | 1 X BD5421A FG |
| BD3V | 3 X BD5421 FG | 1 X BD5421A FG |
| BD4V | 4 X BD5421 FG | 1 X BD5421A FG |
| BDC2 | 2 X BD5421 FG | 1 x BDA5521A FG |
| BDC3 | 3 X BD5421 FG | 1 x BDA5521A FG |
| BDC4 | 4 X BD5421 FG | 1 x BDA5521A FG |
| BDC2-VAILBC | BD5421ABC-FG | 1 X BD5421BC-FG |
| BDC3-VAILBC | BD5421ABC-FG | 1 X BD5421BC-FG |
| BDC4-VAILBC | BD5421ABC-FG | 1 X BD5421BC-FG |

| Meter series | Top cover "meter" | Bottom cover "breaker" |
|--------------|-------------------|------------------------|
| CO1 | CO2321 FG | CO2023 FG |
| CO2 | CO3322 FG | CO3021 FG |
| CO2M | CO3322 MFG | CO3021 FG |

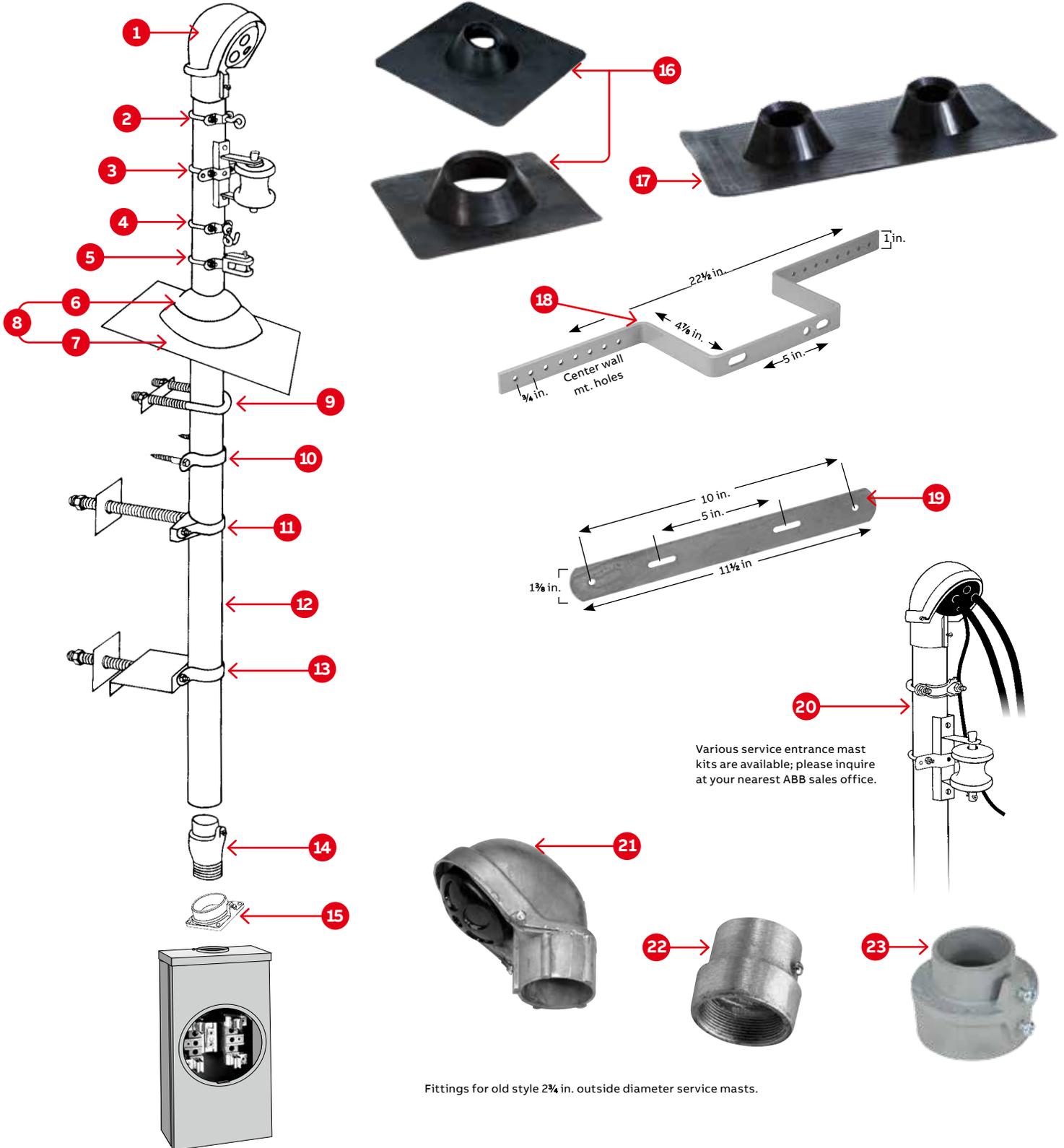
| Meter series | Top | Middle | Bottom |
|--------------|------------|-------------|-------------|
| CO2MS | CO3322 MFG | CO3321 MSFG | CO3323 MSFG |

| Meter series | Top cover "meter" | Bottom cover |
|--------------|-------------------|--------------|
| CT104-5SWLHQ | CT2321FG | CT2023FG |
| CT-L | CT1321FG | CT1023FG |
| CT-SWL | CT1321FG | CT1023FG |
| CT | CT1321FG | CT1021AFG |
| CL | BS3321FG | - |
| HD | HD1021AFG | HD1022A FG |
| JS4 | JS5321AFG | JS5221B FG |
| JS4 (EAL) | JS5321AFG | JS5221B EAL |

| Meter series | Top cover "meter" | Bottom cover |
|--------------|-------------------|--------------|
| CO22 | CO5322FG | CO8021FG |
| CO42 | CO8342FG | CO8021FG |
| CO27 | CO3322FG | CO3021FG |

Service masts

Service entrance masts and accessories



Service masts

Service entrance masts and accessories

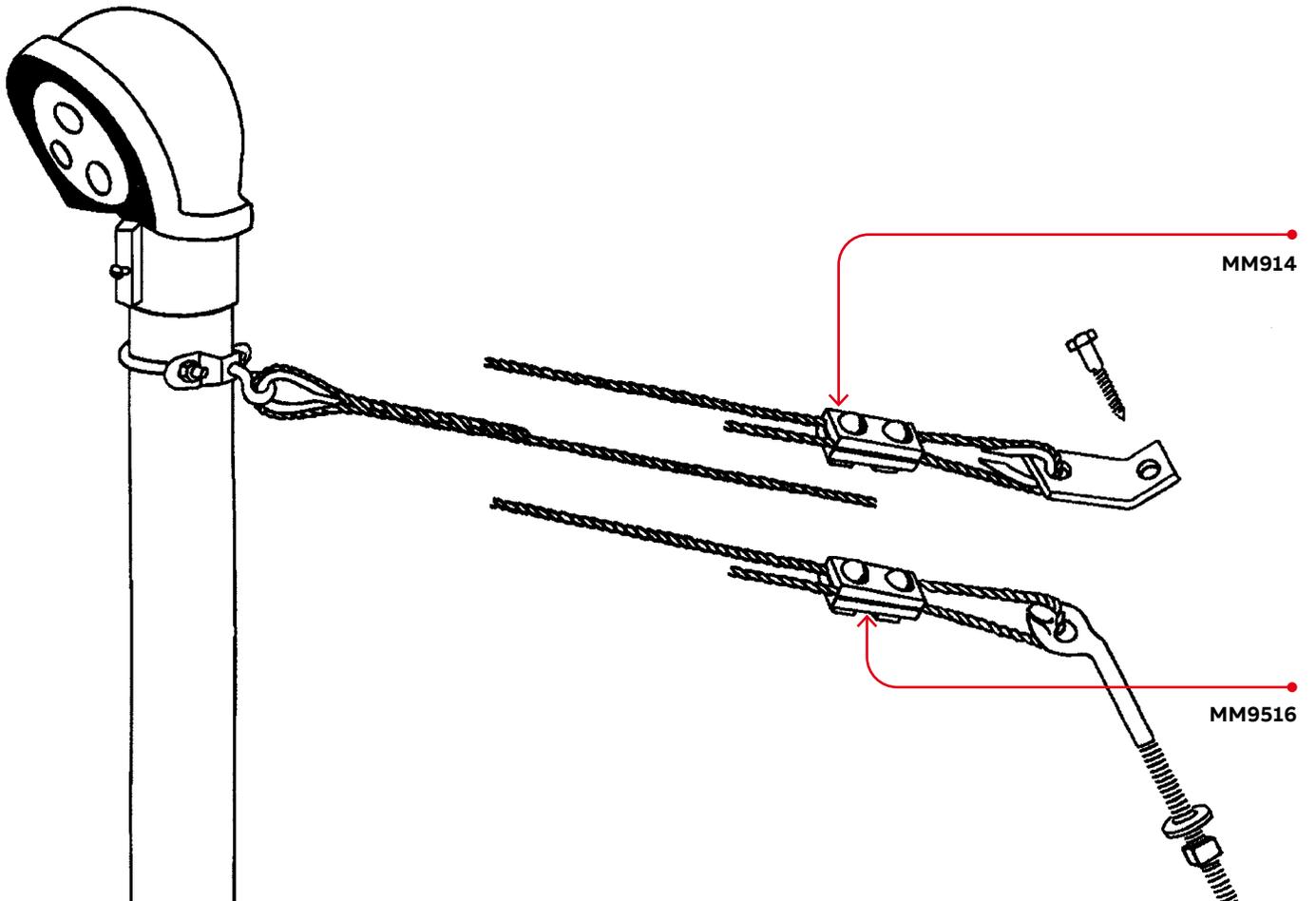
| Reference no. | Cat. no. | lb/kg 100 pcs | Std. pkg. | Description |
|---------------|----------|------------------|--------------|---|
| 1 | MM104 | 105/47.1 | 20 | 1¼ in. Entrance cap 100 A |
| | MM105 | 130/59 | 10 | 1½ in. Entrance cap 150–200 A |
| | MM202 | 200/90 | 10 | 2 in. Entrance cap 200 A |
| 2 | MM380 | 50/22.7 | 50 | Guy attachment comes with oval eye |
| | MM380A | 50/22.7 | 50 | Guy attachment without oval eye, complete with bracket |
| 3 | MM101 | 125/56 | 20 | Light-duty spool rack 100 A |
| | MM5101 | 164/74 | 20 | Light-duty spool rack (Alberta only) 100 A |
| | MM201 | 300/136 | 10 | Heavy-duty spool rack 200 A |
| | MM801 | 360/163 | 10 | Heavy-duty spool rack 400 A, fits 4 in. rigid conduit |
| 4 | MM390 | 50/22.7 | 50 | Drop wire hook bracket |
| 5 | MM300 | 100/45.4 | 20 | Service mast wire holder |
| 6 | MM500 | 14/6.3 | 50 | Neoprene collar only |
| | MM501 | 36/16.3 | 20 | Steel collar only |
| 7 | MM502 | 150/68 | 10 | Roof base flange only |
| 8 | MM503 | 180/81 | 10 | Roof flange, comes with steel collar |
| | MM505N | 140/63 | 10 | Roof flange, comes with neoprene collar |
| | MM5505N | 140/63 | 10 | Roof flange, comes with neoprene collar 1¼ in. |
| 9 | MM250 | 125/56 | 20 | ½ in. dia. "U" bolt mast clamp |
| 10 | MM251 | 40/18.1 | 50 | Pipe strap, comes with two ¾ in. x 4 in. lag screws |
| | MM255 | 40/18.1 | 50 | Pipe strap, comes with two ¾ in. x 5 in. lag screws |
| | MM252 | 30/13.6 | 50 | Pipe strap only, no lag screws |
| 11 | MM400 | 225/102 | 20 | Support clamp, comes with ½ in. x 10 in. fully threaded bolt and 4 in. x 4 in. square washer |
| | MM401 | 110/50 | 20 | Clamp only, no bolt and washer |
| | MM445 | 215/97 | 20 | Support clamp, comes with ½ in. x 4½ in. fully threaded bolt and 4 in. x 4 in. square washer |
| | MM5400 | 215/97 | 20 | Support clamp, comes with ½ in. x 10 in. bolt |
| 12 | MM8 | 2,800/1272 | 50 | 8 ft. x 2½ in. outside diameter mast |
| | MM9CM | 3,300/1500 | 50 | 9 ft. x 2½ in. outside diameter mast |
| | MM10 | 3,500/1590 | 50 | 10 ft. x 2½ in. outside diameter mast |
| | MM12 | 4,200/1909 | 50 | 12 ft. x 2½ in. outside diameter mast |
| 13 | MM600 | 235/106 | 20 | Meter spacer, complete with pipe strap; ¾ in. x 4½ in. carriage bolt and 4 in. x 4 in. square washer |
| | MM601 | 190/86 | 20 | Same as above except no pipe strap |
| | MM602 | 150/68 | 20 | Spacer only (less strap, bolt and washer) (suggested for brick applications with MM201 less pipe strap) |
| | MM602LD | 119/54 | 20 | Light-duty spacer only (less strap, bolt and washer) |
| | MM603 | 200/90 | 20 | Spacer with pipe strap (less bolt and washer) |
| 14 | MM100 | 36/16.3 | 25 | 1 in. Female reducer |
| | MM140 | 44/20 | 25 | 1¼ in. Female reducer |
| | MM140M | 44/20 | 25 | 1¼ in. Male reducer |
| | MM150 | 44/20 | 25 | 1½ in. Female reducer |
| | MM150M | 44/20 | 25 | 1½ in. Male reducer |
| | MM200 | 44/20 | 25 | 2 in. Female reducer |
| | MM200M | 44/20 | 25 | 2 in. Male reducer |
| | MM200P | 44/20 | 20 | 2 in. Female reducer for old style 2¾ in. service masts |
| 15 | MH200 | 40/18 | 1 | 2 in. Mast adaptor |
| | MH40 | 103/46.82 | 10 | 4 in. Mast coupler |
| 16 | MM506N | 52/23.6 | 10 | Simple all-neoprene roof flange, 200 A, for 2½ in. masts |
| | MM806N | 100/45 | 10 | Simple all-neoprene roof flange, 400 A, for 4 in. masts |
| 17 | MM507DN | 93/42.3 | 10 | Double all-neoprene roof flange; for 2½ in. masts |
| 18 | MM604 | 150/68 | 10 | Meter socket bracket (Dimensions see page D66) |
| 19 | MM605 | 50/22.7 | 25 | Meter socket mounting bracket (Dimensions see page D66) |
| 20 | MM700 | 85/38.6 | 50 | Service mast ground clamp, wire range: 8–1/0 AWG |
| 21 | MM202P | 200/90 | 10 | 2 in. Entrance cap for old style 2¾ in. service masts |
| | CIEFA-4* | 590/268 | 1 | 4 in. entrance head |
| 22 | MM200P | 44/20 | 20 | 2 in. Female reducer for old style 2¾ in. service masts |
| 23 | MC250 | 45/21 | 30 | 2½ in. one-piece coupler (check the installation standards in your region before using the product) |

*See page C12 of the commercial grade fittings for the complete list of service entrance cable fittings or follow the link. [Click here](#)

Service Masts

Guy kits for 2½ in. masts

| Cat. no. | Qty. | Consists of | Description |
|----------------------|------|-------------|--------------------------------------|
| ¼ in. Guy kit | | | |
| MM914 | 1 | MM380 | Mast guy attachment |
| | 2 | GT516 | Guy thimbles |
| | 1 | GE14 | Guy end |
| | 1 | GW14110 | 20 ft. of ¼ in. guy wire |
| | 1 | GC902 | Guy clamp |
| | 1 | RB404 | Roof bracket |
| | 1 | T404-CM | Lag screw |
| ⅝ in. Guy kit | | | |
| MM9516 | 1 | MM380 | Mast guy attachment |
| | 1 | GT516 | Guy thimble |
| | 1 | GE516 | Guy end |
| | 1 | GW516110 | 20 ft. of ⅝ in. guy wire |
| | 1 | GC902 | Guy clamp |
| | 1 | BTE512 | ⅝ in. x 12 in. Bent thimble eye bolt |
| | 1 | RA725 | Round washer |



Service masts

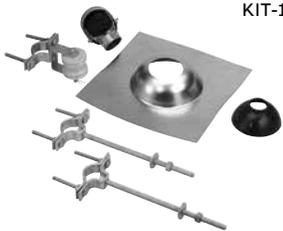
Mast kits suitable for British Columbia

| Cat. No. | Qty. | Consists of | Description |
|-------------|------|-------------|-----------------------------------|
| KIT-100BCMH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange comes with neoprene collar |
| | 3 | MM250 | "U" bolt clamp |
| | 1 | MH200 | Mast coupler |
| KIT-100BCMN | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange comes with neoprene collar |
| | 3 | MM250 | "U" bolt clamp |
| | 1 | MM140 | 1¼ In. Female reducer |
| MMK1-NMH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange comes with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MH200 | Mast coupler |
| KIT-200BCMH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange comes with neoprene collar |
| | 3 | MM250 | "U" bolt clamp |
| | 1 | MH200 | Mast coupler |
| MMK2-NMH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange comes with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MH200 | Mast coupler |

Service masts

Mast kits suitable for Alberta

KIT-1 1/4 – 100 A

| Cat. no. | Qty. | Consists of | Description |
|---|------|-------------|---|
| This mast kit is used in conjunction with 1 1/4 in. rigid conduit | | | |
|  | 1 | MM5104A | 1 1/4 in. Throat entrance cap |
| | 1 | MM5101 | Light-duty spool rack |
| | 1 | MM5505N | Roof flange complete with neoprene collar |
| | 1 | MM5400 | Support clamp complete with 1/2 in. x 10 in. bolt |

KIT2-CM – 100 A

| Cat. no. | Qty. | Consists of | Description |
|--|------|-------------|---|
| This mast kit is used in conjunction with 2 in. rigid conduit | | | |
|  | 1 | CIEFSA-2 | 2 in. Throat entrance cap |
| | 1 | MM5101 | Light-duty spool rack |
| | 1 | MM505N | Roof flange complete with neoprene collar |
| | 2 | MM5400 | Support clamp complete with 1/2 in. x 10 in. bolt |
| | 1 | MM5140 | 1 1/4 in. Bottom female reducer |

KIT-2-AL – 200 A

| Cat. no. | Qty. | Consists of | Description |
|---|------|-------------|---|
|  | 1 | MM202 | Entrance cap |
| | 1 | MM5101 | Light-duty spool rack |
| | 1 | MM505N | Roof flange complete with neoprene collar |
| | 2 | MM5400 | Support clamp complete with 1/2 in. x 10 in. bolt |
| | 1 | MM200M | 2 in. Reducer |

MB-110 – 100 A

| Cat. no. | Qty. | Consists of | Description |
|---|------|-------------|---|
|  | 1 | MM104 | 1 1/4 in. Entrance cap |
| | 1 | MM201 | Heavy-duty spool rack |
| | 1 | MM505N | Roof flange complete with neoprene collar |
| | 3 | MM400 | Support clamp complete with 3/8 in. x 10 in. fully threaded bolt and 4 x 4 washer |
| | 1 | MM140 | 1 1/4 in. Female reducer |

Service masts

Mast kits suitable for Manitoba and Saskatchewan

| Cat. no. | Qty. | Consists of | Description |
|-----------|------|-------------|--|
| KIT-100MJ | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1½ in. Reducer |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 2 | MM251 | Strap complete with ¾ in. x 4 in. Lag bolt |
| | 1 | MM400 | Support clamp |
| KIT-100MN | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1½ in. Reducer |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |
| KIT-100MH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolt |
| | 1 | MH200 | Mast coupler |
| KIT-200AM | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |
| KIT-200MH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |
| | 1 | MH200 | Mast coupler |
| KIT-200MJ | 1 | MM202 | Entrance cap |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 1 | MM251 | Strap complete with ¾ in. x 4 in. lag bolt |
| | 1 | MM400 | Support clamp |
| MMK2-NMH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MH200 | Mast coupler |

Service masts

Mast kits suitable for Ontario

| Cat. no. | Qty. | Consists of | Description |
|------------|------|-------------|---|
| KIT-100HDM | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM503 | Flange complete with steel collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| KIT-100MH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolt |
| | 1 | MM200 | Female reducer |
| KIT-100MN | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |
| KIT-100NMH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 1 | MM400 | Support clamp |
| | 1 | MM200 | Female reducer |
| MMK1 | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM503 | Flange complete with steel collar |
| | 3 | MM400 | Support clamp |
| MMK-1N | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MM140M | 1¼ in. Male reducer |
| MMK1-NMH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MH200 | Mast coupler |
| KIT-200MH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |

| Cat. no. | Qty. | Consists of | Description |
|------------|------|-------------|--|
| KIT-200AM | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolt |
| | 1 | MH200 | Mast coupler |
| KIT-200NMH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MM200 | Female reducer |
| MMK2 | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM503 | Flange complete with steel collar |
| | 3 | MM400 | Support clamp |
| MMK-2N | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MM200M | 2 in. Male reducer |
| MMK2-NMH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM400 | Support clamp |
| | 1 | MH200 | Mast coupler |

Service masts

Mast kits suitable for Quebec

| Cat. no. | Qty. | Consists of | Description |
|-------------|------|-------------|---|
| KIT-100MN | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| KIT-100MH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |
| KIT-100MNF | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM101 | Light-duty rack |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| KIT-150AM | 1 | MM105 | 1½ in. entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM150M | 1½ in. Male adaptor |
| KIT-200AM | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| KIT-200AMGR | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MM700 | Service mast ground clamp |
| KIT-200MH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MH200 | Mast coupler |

| Cat. no. | Qty. | Consists of | Description |
|--------------|--------------|-------------|---|
| KIT-100HDM | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1¼ in. Male reducer |
| | 1 | MM201 | Heavy-duty rack |
| | 1 | MM503 | Flange complete with steel collar |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| KIT-200-PVC | 1 | SS401-E | Spool rack |
| | 1 | E998J | 2 in. Entrance cap |
| | 3 | E977JC | 2 in. Strap |
| | 1 | PH20 | 2 in. Hub PVC |
| | 2 | E943J | 2 in. Male adaptor |
| | 2 | CI1716 | 2 in. Locknut |
| | 1 | E986J | 2 in. LB type |
| | 1 | CIDUCT1 | Duct seal |
| | 1 | UA9AJCB-UPC | 2 in. PVC elbow |
| | KIT-200AM-CP | 1 | MM202 |
| 1 | | MM201 | Spool rack |
| 1 | | MM505N | Floor flange |
| 1 | | MM200M | 2 in. Male reducer |
| 3 | | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| 2 | | E943J | 2 in. Male adaptor |
| 2 | | CI1716 | 2 in. Locknut |
| 1 | | E986J | 2 in. Entrance cap |
| 1 | | DUCT SEAL | Duct seal |
| 1 | | UA9AJCB-UPC | 2 in. PVC elbow |
| KIT-200MH-CP | 1 | MM202 | 2 in. Entrance cap |
| | 1 | MM201 | Spool rack |
| | 1 | MM505N | Roof flange |
| | 1 | MH200 | 2 in. Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 2 | E943J | 2 in. Male adaptor |
| | 2 | CI1716 | 2 in. Locknut |
| | 1 | E986J | 2 in. Entrance cap |
| | 1 | CIDUCT1 | Duct seal |
| | 1 | UA9AJCB-UPC | 2 in. PVC elbow |

Service masts

Mast kits suitable for Quebec and for all regions

KIT-200-PVC – Quebec

| Cat. no. | Qty. | Consists of | Description |
|---|-------------|-------------|-----------------------------|
| This mast kit is used in conjunction with 2 in. rigid conduit | | | |
|  | KIT-200-PVC | 1 | SS401-E Spool rack |
| | | 1 | E998J 2 in. Entrance cap |
| | | 3 | E977JCIM 2 in. Strap |
| | | 1 | PH20 2 in. Hub PVC |
| | | 2 | E943J 2 in. Male adaptor |
| | | 2 | CI1716 2 in. Locknut |
| | | 1 | E986J 2 in. LB type |
| | | 1 | CIDUCT1 Duct seal |
| | | 1 | UA9AJCB-UPC 2 in. PVC elbow |

KIT-200AM-CP – Quebec

| Cat. no. | Qty. | Consists of | Description |
|---|--------------|-------------|--|
| This mast kit is used in conjunction with 2 in. rigid conduit | | | |
|  | KIT-200AM-CP | 1 | MM202 2 in. Entrance cap |
| | | 1 | MM201 Spool rack |
| | | 1 | MM505N Roof flange |
| | | 1 | MM200M 2 in. Male reducer |
| | | 3 | MM251 2 in. Pipe strap (comes with lag screws) |
| | | 2 | E943J 2 in. Male adaptor |
| | | 2 | CI1716 2 in. Locknut |
| | | 1 | E986J 2 in. Entrance cap |
| | | 1 | CIDUCT1 Duct seal |
| | | 1 | UA9AJCB-UPC 2 in. PVC elbow |

KIT-200MH-CP – Quebec

| Cat. no. | Qty. | Consists of | Description |
|--|--------------|-------------|---|
|  | KIT-200MH-CP | 1 | MM202 2 in. Entrance cap |
| | | 1 | MM201 Spool rack |
| | | 1 | MM505N Roof flange |
| | | 1 | MH200 2 in. Mast coupler |
| | | 3 | MM251 2 in. Pipe strap, comes with lag screws $\frac{3}{8}$ x 4 in. |
| | | 2 | E943J 2 in. Male adaptor |
| | | 2 | CI1716 2 in. Locknut |
| | | 1 | E986J 2 in. Entrance cap |
| | | 1 | CIDUCT1 Duct seal |
| | | 1 | UA9AJCB-UPC 2 in. PVC elbow |

KIT-400MH – For all regions

| Cat. no. | Qty. | Consists of | Description |
|--|-----------|-------------|---|
| This mast kit is used in conjunction with 4 in. rigid conduit | | | |
|  | KIT-400MH | 1 | CIEFA-4 4 in. Entrance head |
| | | 1 | MM801 Heavy-duty spool rack |
| | | 1 | MM806N Roof flange |
| | | 1 | MH40 4 in. Mast coupler |
| | | 3 | CI1532 Pipe strap comes with lag screws (6) $\frac{3}{8}$ x 5 in. |

Service masts

Mast kits suitable for New Brunswick and Newfoundland

New Brunswick

| Cat. no. | Qty. | Consists of | Description |
|-------------|------|-------------|---|
| KIT-100 | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1½ in. Male reducer |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-100NBMH | 1 | MM104 | Entrance cap |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-200 | 1 | MM202 | Entrance cap |
| | 1 | MM200M | 2 in. Male reducer |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-200MH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty spool rack |
| | 1 | MH200 | Mast coupler |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-206NBMH | 1 | MM202 | Entrance cap |
| | 1 | MH200 | Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM506N | All-neoprene roof flange |
| KIT-200NBMH | 1 | MM202 | Entrance cap |
| | 1 | MH200 | Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-106NBMH | 1 | MM104 | Entrance cap |
| | 1 | MM506N | All neoprene roof flange |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |

Newfoundland

| Cat. no. | Qty. | Consists of | Description |
|-------------|------|-------------|---|
| KIT-100MH | 1 | MH200 | Mast coupler |
| | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty spool rack |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-100NBMH | 1 | MM104 | Entrance cap |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-205LDMH | 1 | MM202 | Entrance cap |
| | 1 | MM101 | Light-duty spool rack |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |
| | 1 | MM505N | Flange complete with neoprene collar |

Service masts

Mast kits suitable for Nova Scotia and Prince Edward Island

Nova Scotia

| Cat. no. | Qty. | Consists of | Description |
|-------------|------|-------------|---|
| KIT-100MN | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1½ in. Male reducer |
| | 1 | MM101 | Light-duty spool rack |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-100 | 1 | MM104 | Entrance cap |
| | 1 | MM140M | 1½ in. Male reducer |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-100NSMH | 1 | MM104 | Entrance cap |
| | 4 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 1 | MH200 | Mast coupler |
| KIT-200AM | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty spool rack |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MM200M | 2 in. Male reducer |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-200 | 1 | MM202 | Entrance cap |
| | 1 | MM200M | 2 in. Male reducer |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-200NSMH | 1 | MM202 | Entrance cap |
| | 1 | MH200 | Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |

Prince Edward Island

| Cat. no. | Qty. | Consists of | Description |
|-------------|------|-------------|---|
| KIT-100MH | 1 | MM104 | Entrance cap |
| | 1 | MM101 | Light-duty spool rack |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| | 1 | MH200 | Mast coupler |
| KIT-106NBMH | 1 | MM104 | Entrance cap |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MH200 | Mast coupler |
| | 1 | MM506N | All-neoprene roof flange |
| KIT-200MH | 1 | MM202 | Entrance cap |
| | 1 | MM201 | Heavy-duty spool rack |
| | 1 | MH200 | Mast coupler |
| | 3 | MM255 | Strap complete with ¾ in. x 5 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-200NBMH | 1 | MM202 | Entrance cap |
| | 1 | MH200 | Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM505N | Flange complete with neoprene collar |
| KIT-206NBMH | 1 | MM202 | Entrance cap |
| | 1 | MH200 | Mast coupler |
| | 3 | MM251 | Strap complete with ¾ in. x 4 in. lag bolts |
| | 1 | MM506N | All-neoprene roof flange |

Pole line hardware

Heavy-duty spool rack (200 A)



| Cat. no. | No. of wires | Overall length (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|----------------------|------------------|-------|-----------|
| | | | lb | kg | |
| SS401E | 1 | 9½ | 300 | 136.3 | 10 |
| SS802E | 2 | 17½ | 520 | 236.3 | 5 |
| SS803E | 3 | 25½ | 780 | 354.5 | 5 |
| SS804E | 4 | 33½ | 1,040 | 472.7 | 5 |

Racks are made of 1 in. x 1 in. x ¼ in. angle iron, assembled complete with ⅝ in. diameter rod and ⅝ in. diameter brass cotter pin. All ferrous parts are hot dip galvanized. Insulator cat. no. IB135 must be ordered separately (included in SS401E only).

Heavy-duty spool rack (400 A)



| Cat. no. | No. of wires | Overall length (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|----------------------|------------------|-------|-----------|
| | | | lb | kg | |
| MM801 | 1 | 3 | 360 | 163.2 | 10 |

Fits 3½ in. and 4 in. rigid conduit.

Medium-duty spool rack (100 A)



| Cat. no. | No. of wires | Overall dia. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|--------------------|------------------|------|-----------|
| | | | lb | kg | |
| SS18 | 1 | 6½ | 150 | 68.1 | 25 |

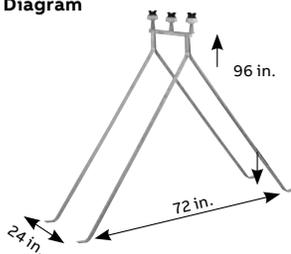
Medium-duty spool rack is furnished complete with cat. no. IB134 insulator. All ferrous parts are hot dip galvanized.

Pole line hardware

Tripods (200 A)

| Cat. no. | No. of wires | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|------------------|--------|-----------|
| | | lb | kg | |
| 603TH* | 3 | 4,000 | 1818.1 | 1 |
| 604TH | — | 3,800 | 1727.2 | |

Diagram



Type "T" (medium duty) is constructed of 1 in. x 1 in. x 3/16 in. angle iron. Type "TH" (heavy duty) is constructed of 1 1/4 in. x 1 1/4 in. x 3/16 in. angle iron. All ferrous parts are hot dip galvanized. * Complete with IB400.

Tripod insulator (200 A)

| Cat. no. | Height (in.) | Overall dia. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|--------------------|------------------|------|-----------|
| | | | lb | kg | |
| IB400 | 3 1/2 | 3 3/4 | 125 | 56.8 | 25 |



Insulators (100–400 A)

| Cat. no. | Ampere | Height (in.) | Diameter (in.) | Hole dia. (in.) | | Weight (100 pcs) | | Std. pkg. |
|----------|-------------|--------------|----------------|-----------------|-----|------------------|-----|-----------|
| | | | | lb | kg | lb | kg | |
| IB134 | 100 | 2 | 2 1/4 | 3/16 | 40 | 18.1 | 100 | |
| IB135 | 200 and 400 | 3 | 3 | 13/16 | 115 | 52.2 | 50 | |



Porcelain insulator securely held in the hot galvanized steel clevis by a cotter pin.

Screw type insulator (100 A)

| Cat. no. | Insulator length (in.) | Pull out strength | Weight (100 pcs) | | Std. pkg. |
|----------|------------------------|-------------------|------------------|------|-----------|
| | | | lb | kg | |
| IB900 | 3 | 1,500 lb | 87 | 39.5 | 25 |



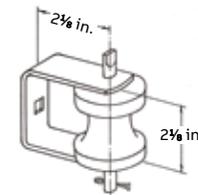
Porcelain insulator securely held in the hot galvanized steel clevis by a cotter pin.

Light-duty clevis (100 A)

| Cat. no. | Mounting hole | Weight (100 pcs) | | Std. pkg. |
|----------|---|------------------|------|-----------|
| | | lb | kg | |
| AN422 | 1 1/16 in. Round | 90 | 40.9 | 25 |
| AN422KIT | 1 1/16 in. Round with bolts and washers | — | — | 1 |
| AN423 | 9/16 in. x 9/16 in. square | 90 | 40.9 | 25 |



Diagram



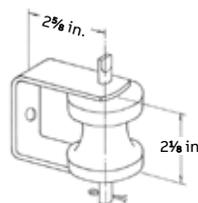
Add suffix "NI" if insulator is not required. Constructed of 3/8 in. x 1 in. flat mild steel, has 3/8 in. diam. pin and C/W No. IB134 insulator, mounting hole as per table above. All ferrous parts are hot dip galvanized.

Clevis (200 A)

| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|------------------|------|-----------|
| | lb | kg | |
| AN424 | 100 | 45.4 | 25 |



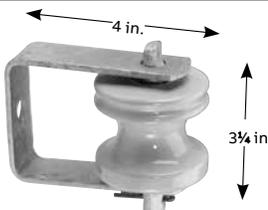
Diagram



Add suffix "NI" if insulator is not required. Constructed of 3/8 in. x 1 1/4 in. flat mild steel, has 3/8 in. diam. pin and complete with catalog no. IB134 insulator, 3/8 in. round mounting hole. All ferrous parts are hot dip galvanized.

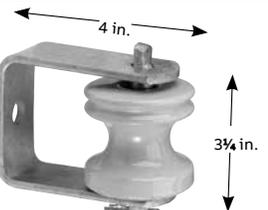
Pole line hardware

Heavy-duty clevis (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|-----|-----------|
| | | lb | kg | |
|  | AN428S | 262 | 119 | 25 |

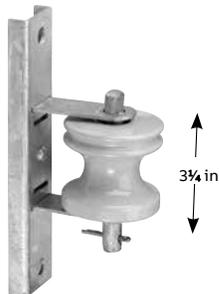
Add suffix "NI" if insulator is not required. Constructed of $\frac{3}{16}$ in. x $1\frac{1}{2}$ in. flat mild steel, has $\frac{5}{8}$ in. diam. pin and complete with catalog no. IB135 insulator, $\frac{5}{16}$ in. round mounting hole. All ferrous parts are hot dip galvanized.

Heavy-duty clevis (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|-----|-----------|
| | | lb | kg | |
|  | AN428 | 350 | 159 | 5 |

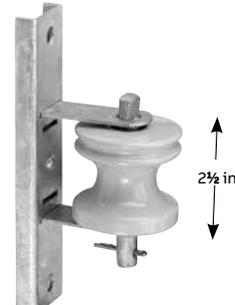
Add suffix "NI" if insulator is not required. Constructed of $\frac{1}{4}$ in. x 2 in. flat mild steel, has $\frac{5}{8}$ in. diam. pin and complete with catalog no. IB135 insulator, $\frac{5}{16}$ in. round mounting hole. All ferrous parts are hot dip galvanized.

Heavy-duty flat mount triplex cable rack (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|--|----------|------------------|-----|-----------|
| | | lb | kg | |
|  | AN117 | 290 | 130 | 10 |

Heavy-duty wall rack constructed of $\frac{1}{2}$ in. steel, with 2 mounting holes $\frac{1}{2}$ in., complete with catalog no. IB135 insulator. All ferrous parts are hot dip galvanized.

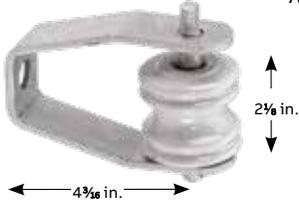
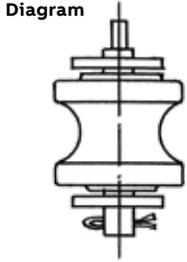
Light-duty flat mount triplex cable rack (100 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|--|----------|------------------|----|-----------|
| | | lb | kg | |
|  | AN122 | 160 | 70 | 10 |

Light-duty wall rack constructed of $\frac{1}{8}$ in. steel, with 2 mounting holes $\frac{1}{2}$ in., complete with catalog no. IB134 insulator. All ferrous parts are hot dip galvanized.

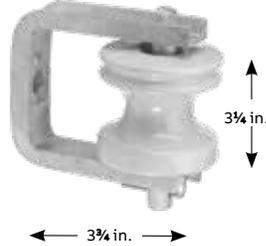
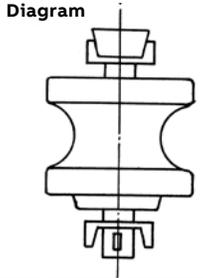
Pole line hardware

Clevis (100 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|------|-----------|
| | | lb | kg | |
|  | AL425 | 162 | 73.6 | 20 |
|  | | | | |

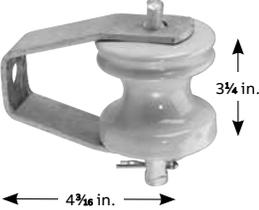
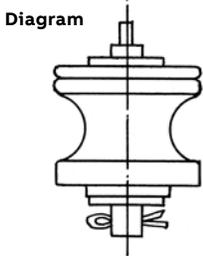
Add suffix "NI" if insulator is not required. Constructed of $\frac{3}{16}$ in. x $1\frac{1}{2}$ in. flat mild steel, has $\frac{1}{2}$ in. diam. pin and comes with catalog no. IB134 insulator, $\frac{3}{16}$ in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|-------|-----------|
| | | lb | kg | |
|  | AU427 | 265 | 120.4 | 10 |
|  | | | | |

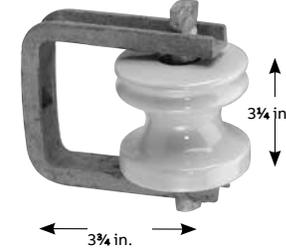
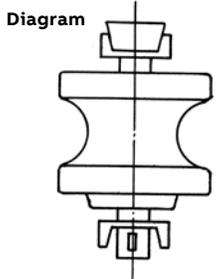
Add suffix "NI" if insulator is not required. Constructed of $1\frac{1}{4}$ in. x $\frac{1}{2}$ in. x $\frac{1}{8}$ in. steel channel, has $\frac{5}{8}$ in. diam. pin and comes with catalog no. IB135 insulator, $\frac{3}{16}$ in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|-----|-----------|
| | | lb | kg | |
|  | AL426 | 262 | 119 | 10 |
|  | | | | |

Add suffix "NI" if insulator is not required. Constructed of $\frac{3}{16}$ in. x $1\frac{1}{2}$ in. flat mild steel, has $\frac{5}{8}$ in. diam. pin and comes with catalog no. IB135 insulator, $\frac{3}{16}$ in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (200 A)

| | Cat. no. | Weight (100 pcs) | | Std. pkg. |
|---|----------|------------------|-----|-----------|
| | | lb | kg | |
|  | AU429 | 240 | 109 | 10 |
|  | | | | |

Add suffix "NI" if insulator is not required. Constructed of 1 in. x $\frac{1}{2}$ in. x $\frac{1}{8}$ in. steel channel, has $\frac{5}{8}$ in. diam. pin comes with catalog no. IB135 insulator, $\frac{3}{16}$ in. square hole. All ferrous parts are hot dip galvanized.

Pole line hardware

Clevis (100 A)

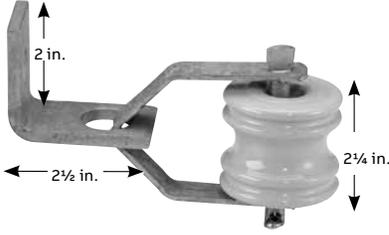
| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|---------------------|------|--------------|
| | lb | kg | |
| SW409 | 100 | 45.4 | 25 |



Add suffix "NI" if insulator is not required. Constructed of 3/8 in. x 1 in. curved mild steel, has 3/8 in. diam. swivel type pin, comes with catalog no. IB134 insulator, 2 mtg. holes 7/16 in. round. All ferrous parts are hot dip galvanized.

Clevis (100 A)

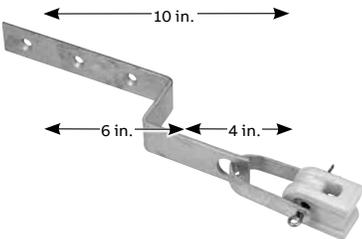
| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|---------------------|------|--------------|
| | lb | kg | |
| SW411 | 125 | 56.8 | 20 |



Add suffix "NI" if insulator is not required. Constructed of 1/2 in. x 3/4 in. curved mild steel, has 3/8 in. diam. swivel type pin, comes with catalog no. IB134 insulator, strong 1/4 in. angle bracket, 1 1/16 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Clevis (100 A)

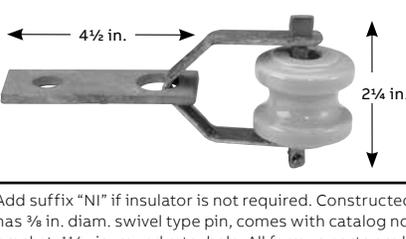
| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|---------------------|------|--------------|
| | lb | kg | |
| SW410 | 180 | 81.8 | 20 |



Add suffix "NI" if insulator is not required. Undereave/off the wall bracket constructed of 3/16 in. x 1 1/2 in. flat mild steel, comes with catalog no. IB132 insulator. Three 3/8 in. round mtg. holes. All ferrous parts are hot dip galvanized.

Clevis (100 A)

| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|---------------------|------|--------------|
| | lb | kg | |
| SW411S | 125 | 56.8 | 20 |



Add suffix "NI" if insulator is not required. Constructed of 1/2 in. x 3/4 in. curved mild steel, has 3/8 in. diam. swivel type pin, comes with catalog no. IB134 insulator, strong 1/4 in. bracket, 1 1/16 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Pole line hardware

Clevis (100 A)

| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|------------------|------|-----------|
| | lb | kg | |
| SW412 | 100 | 45.4 | 10 |



Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1 1/2 in. steel, comes with catalog no. IB134 insulator. Three 3/8 in. round mtg. holes. All ferrous parts are hot dip galvanized.

Clevis (100 A)

| Cat. no. | Weight (100 pcs) | | Std. pkg. |
|----------|------------------|------|-----------|
| | lb | kg | |
| SW412-MH | 140 | 63.5 | 20 |



Add suffix "NI" if insulator is not required. Constructed of 3/16 in. x 1 1/2 in. steel, has 3/8 in. diam. pin and comes with catalog no. IB134 insulator. 1 1/8 in. round mtg. hole. All ferrous parts are hot dip galvanized.

Anti-vibration kit for spool rack

| Cat. no. | Description | Weight (100 pcs) | | Std. pkg. |
|----------|---|------------------|-------|-----------|
| | | lb | kg | |
| B3/8-6 | 2 bolts 3/8 x 6 in. long, complete with 1 washer, 1 lockwasher and 1 nut finished hot galv. | 100 | 45.35 | 5 |



Add suffix "NI" if insulator is not required. Constructed of 1 1/4 in. x 1/2 in. x 3/8 in. steel channel, has 3/8 in. diam. pin and comes with catalog no. IB135 insulator, 1 1/8 in. round mounting hole. All ferrous parts are hot dip galvanized.

Québec Construction Code, Chapter V – Electricity, Article 6-112 (6) requires that the spool rack be tightly bolted and attached to structural members of a minimum thickness of 88 mm overall, if the framed structure is made of wood.

Hydro-Québec, Low-Voltage Electrical Service, Standard E21-10, Article 2.2.1, 2.2.2 and Blue Book read as follows:

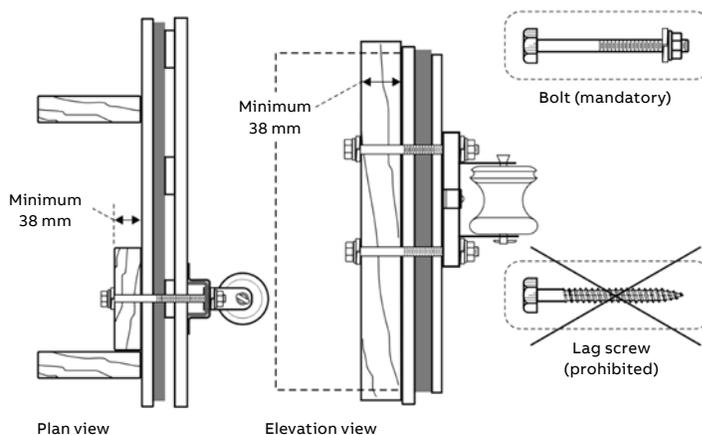
2.2.1 Supply and installation

The master electrician shall, at the customer's expense, supply and install the spool rack in accordance with Code requirements and with the recommendations of the Régie du bâtiment du Québec, particularly to avoid any problem due to vibrations. The customer retains ownership of the spool rack.

2.2.2 Location

The spool rack may be attached to the exterior wall of a building or to a customer pole, service mast or other support structure. The master electrician shall ensure that the service loop is secured firmly to the building in a location not conducive to vibrations, and shall strengthen the structure, if necessary, at the customer's expense. The location must also allow the meter to be installed in a readily accessible place.

Diagrams



Note: Interior insulation and exterior wall are not shown for more clarity. Figure 2: Spool rack installation (wooden structure).

Source: Régie du bâtiment du Québec. Can also be used in all provinces.

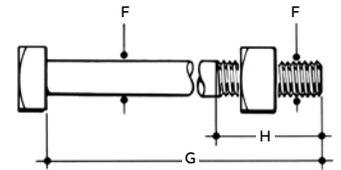
Pole line hardware

Machine bolts

| Cat. no. | F diam. (in.) | G long. (in.) | H min. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|---------------|---------------|--------------|------------------|------|-----------|
| | | | | lb | kg | |
| BM506 | $\frac{5}{8}$ | 6 | 1½ | 70 | 31.8 | 50 |
| BM508 | $\frac{5}{8}$ | 8 | 4 | 86 | 39.0 | 50 |
| BM510 | $\frac{5}{8}$ | 10 | 4 | 102 | 46.3 | 25 |
| BM512 | $\frac{5}{8}$ | 12 | 6 | 115 | 52.2 | 25 |
| BM514 | $\frac{5}{8}$ | 14 | 6 | 130 | 59.0 | 30 |
| BM516 | $\frac{5}{8}$ | 16 | 6 | 145 | 65.9 | 30 |
| BM518 | $\frac{5}{8}$ | 18 | 6 | 160 | 72.7 | 25 |
| BM520 | $\frac{5}{8}$ | 20 | 6 | 175 | 79.5 | 30 |



Diagrams



Lag screws

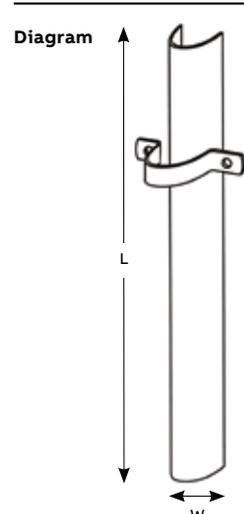
| Cat. no. | F diam. (in.) | G long. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|----------------|---------------|------------------|------|-----------|
| | | | lb | kg | |
| T102L | $\frac{1}{4}$ | 2½ | 3 | 1.3 | 100 |
| T103 | $\frac{1}{4}$ | 3 | 4 | 1.8 | 100 |
| T203 | $\frac{5}{16}$ | 3 | 6 | 2.7 | 100 |
| T302 | $\frac{3}{8}$ | 2 | 7 | 3.1 | 100 |
| T303 | $\frac{3}{8}$ | 3 | 10 | 4.5 | 100 |
| T304 | $\frac{3}{8}$ | 4 | 11 | 5.0 | 50 |
| T305 | $\frac{3}{8}$ | 5 | 14 | 6.3 | 25 |
| T306 | $\frac{3}{8}$ | 6 | 17 | 7.7 | 50 |
| T308 | $\frac{3}{8}$ | 8 | 22 | 10.0 | 50 |
| T310 | $\frac{3}{8}$ | 10 | 27 | 12.2 | 10 |
| T404-CM | $\frac{1}{2}$ | 4 | 22 | 10.0 | 50 |
| T405 | $\frac{1}{2}$ | 5 | 27 | 12.2 | 25 |
| T406 | $\frac{1}{2}$ | 6 | 31 | 14.0 | 25 |
| T505 | $\frac{5}{8}$ | 5 | 45 | 20.4 | 25 |



Pole line hardware

“U” cable guards and straps

| Cat. no. | Width (in.) | Length (ft.) | Size (in.) | Weight (100 pcs) | | Std. pkg. |
|-----------------|-------------|--------------|------------|------------------|------|-----------|
| | | | | lb | kg | |
| Straight | | | | | | |
| UG8114 | 1¼ | 8 | – | 760 | 345 | 5 |
| UG8214 | 2¼ | 8 | – | 1,300 | 590 | 5 |
| UG8314 | 3¼ | 8 | – | 2,000 | 909 | 5 |
| Flared | | | | | | |
| UGF8114 | 1¼ | 8 | – | 760 | 345 | 5 |
| UGF8214 | 2¼ | 8 | – | 1,300 | 590 | 5 |
| UGF8314 | 3¼ | 8 | – | 2,000 | 909 | 5 |
| Strap | | | | | | |
| SUG114 | – | – | 1¼ | 15 | 6.8 | 10 |
| SUG214 | – | – | 2¼ | 24 | 11.0 | 10 |
| SUG314 | – | – | 3¼ | 60 | 27.0 | 10 |



Hot dip galvanized 14 gauge steel. For nonmetallic version (PV-Mold), refer to page D90.

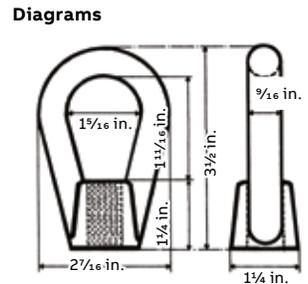
Guy clamps

| Cat. no. | Qty. | Bolt size (in.) | Length (in.) | Range (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|------|-----------------|--------------|-------------|------------------|-------|-----------|
| | | | | | lb | kg | |
| GC902 | 2 | ½ | 3¼ | ¼–7/16 | 130 | 59.0 | 50 |
| GC904 | 3 | ½ | 57/8 | ¼–7/16 | 224 | 101.3 | 25 |
| GC906 | 3 | 5/8 | 6 | 5/16–½ | 274 | 124.5 | 25 |



Eye nut

| Cat. no. | Eye dimensions (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|----------------------|------------------|------|-----------|
| | | lb | kg | |
| K58 | 1½/16 X 1¼/16 | 70 | 31.8 | 50 |



Drop forged, hot galvanized, tapped 5/8 in.

Pole line hardware

Guy hooks

| | Cat. no. | Bolt size (in.) | Weight (100 pcs) | | Std. pkg. |
|---|----------|-------------------------------|------------------|------|-----------|
| | | | lb | kg | |
|  | CH912 | $\frac{5}{8}$ | 90 | 40.9 | 50 |
| | K133A | $\frac{5}{8}$ - $\frac{3}{4}$ | 118 | 53.6 | 25 |

CH912: Prevents the guy from slipping down when the pole is guyed at a sharp angle. Made of half oval steel, the round side serving as protection to the strands.
K133A: Iron guy hook for use with $\frac{5}{8}$ in. or $\frac{3}{4}$ in. bolt. Equipped with teeth to imbed in the wood fibres.

Screw anchor

| | Cat. no. | Rod dia. (in.) | Length (ft.) | Plate dia. (in.) | Weight (100 pcs) | | Std. pkg. |
|--|----------|----------------|--------------|------------------|------------------|-------|-----------|
| | | | | | lb | kg | |
|  | TS346 | $\frac{3}{4}$ | 5.6 | 6 | 1,050 | 477.2 | 2 |

Installed by placing a rod into the heavy forged oval eye to screw the anchor into the ground.

Anchor rods

| | Cat. no. | Rod dia. (in.) | Length (ft.) | Type | Weight (100 pcs) | | Std. pkg. |
|---|----------|----------------|--------------|----------------|------------------|-------|-----------|
| | | | | | lb | kg | |
|  | AR586 | $\frac{5}{8}$ | 6 | Double thimble | 750 | 340.9 | 5 |
| | AR347 | $\frac{3}{4}$ | 7 | Double thimble | 1,320 | 600.0 | |

Expanding anchor

| | Cat. no. | Hole size required (in.) | Area (sq. in.) | Rod dia. (in.) | Weight (100 pcs) | | Std. pkg. |
|---|-----------|--------------------------|----------------|-------------------------------|------------------|-------|-----------|
| | | | | | lb | kg | |
|  | EA08 | 8 | 135 | $\frac{5}{8}$ - $\frac{3}{4}$ | 950 | 431.8 | 5 |
| | ME-DA4PC2 | 8 | 16X16 | $\frac{5}{8}$ - $\frac{3}{4}$ | 1165 | 528.5 | 5 |

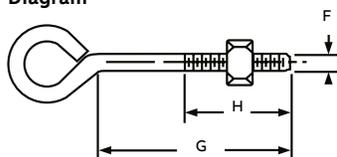
These heavy-duty steel anchors have 8 blades that expand to form a square, with equalized load distribution all around the anchor.

Pole line hardware

Oval eye bolt

| Cat. no. | Description | F dia. (in.) | G length (in.) | H min. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|---------------|--------------|----------------|--------------|------------------|------|-----------|
| | | | | | lb | kg | |
| BO506 | Oval eye bolt | 5/8 | 6 | 3 | 122 | 55.4 | 50 |
| BO508 | Oval eye bolt | 5/8 | 8 | 4 | 136 | 61.8 | 25 |
| BO510 | Oval eye bolt | 5/8 | 10 | 4 | 150 | 68.1 | 25 |
| BO512 | Oval eye bolt | 5/8 | 12 | 4 | 168 | 76.3 | 25 |

Diagram

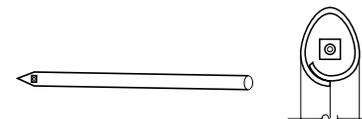


Guy wire guard

| Cat. no. | Colour | Length (ft.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------|--------------|------------------|------|-----------|
| | | | lb | kg | |
| 2YG | Yellow | 6.7 | 3.35 | 1.46 | 10 |



Diagrams

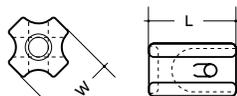


Guy strain insulator

| Cat. no. | Length (ft.) | Dia. (in.) | Weight (100 pcs) | | Std. pkg. |
|----------|--------------|------------|------------------|------|-----------|
| | | | lb | kg | |
| 504WGS | 4 1/4 | 2 7/8 | 1.0 | 0.45 | 1 |
| 506WGS | 5 1/2 | 3 3/8 | 1.0 | 0.45 | 1 |



Diagrams



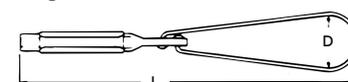
Note: Made of porcelain

Type W – Aluminum service wedge clamps for use with ACSR, aluminum, AAAC conductors

- For dead-ending self-supporting drop wire
- Saves conductor – drop wire may be cut to exact length
- Can be attached to bare neutral at any point in the span
- Adjustments in drop wire sag are easily made
- Grips ACSR, AAAC or aluminum conductors

| | Cat. no. | Conductor range (AWG) | | | Dimensions (in.) | | Typical tensile values | |
|--|----------|-----------------------|-------------------|---------|------------------|----------------|------------------------|------------|
| | | ACSR | Al | AAAC | D | L | Conductor | Value (lb) |
| W-1 Series aluminum wedge and slider | W62-1 | 2-6 | 1 str. – 6 sol. | 2-6 | 2 3/8 flex. | 12, 17 1/2 | 2 6 x 1 ACSR | 1,200 |
| | W62-1FC | 2-6 | 1 str. – 6 sol. | 2-6 | 2 3/8 flex. | 12, 17 1/2 | 2 6 x 1 ACSR | 1,200 |
| "FC" flexible bail (bail length – 11 1/2 in.) | W20-1 | 1/0-4 | 2/0 str. – 2 sol. | 1/0-4 | 2 3/8 flex. | 12 1/2, 18 1/2 | 1/0 6 x 1 ACSR | 1,800 |
| | W20-1FC | 1/0-4 | 2/0 str. – 2 sol. | 1/0-4 | 2 3/8 flex. | 12 1/2, 18 1/2 | 1/0 6 x 1 ACSR | 1,800 |
| Rigid stainless steel bail (bail length – 6 1/2 in.) | W40-1* | 4/0-2/0 | 4/0 str. – 2 sol. | 4/0-2/0 | 2 3/8 flex. | 12 3/4, 18 1/2 | 4/0 6 x 1 ACSR | 1,900 |
| | W40-1FC* | 4/0-2/0 | 4/0 str. – 2 sol. | 4/0-2/0 | 2 3/8 flex. | 12 3/4, 18 1/2 | 4/0 6 x 1 ACSR | 1,900 |

Diagram



* W40 series clamps rated 850 lb ultimate tension for 1/0 AWG ACSR, Al or AAAC.

Carlson nonmetallic conduits

Schedule 40 PVC rigid nonmetallic conduits

Product specifications

Certified for underground applications encased in concrete or direct burial. Also for use in exposed or concealed above-ground applications.

- Sunlight resistant
- Rated for use with 75 °C conductors
- Superior weathering characteristics
- Meets CSA standard
- ¾ in. – 4 in. are FT-4 rated

Guy strain insulator



| Cat. no. | Nom. size (in.) | Std. crate qty. | | Std. bundle qty. | | Wt. per 100 ft. (lb) | Dimensions (in.) | |
|---------------|-----------------|-----------------|--------|------------------|--------|----------------------|------------------|------|
| | | 10 ft. | 10 ft. | 10 ft. | 10 ft. | | O.D. | I.D. |
| 10 ft. | | | | | | | | |
| 49009CC-010 | 1¼ | 3,300 | 50 | 46 | 1.660 | 1.380 | | |
| 49010CC-010 | 1½ | 1,800 | 50 | 55 | 1.900 | 1.610 | | |
| 49011CC-010 | 2 | 1,400 | 50 | 73 | 2.375 | 2.067 | | |



Acceptable dimensions in inches of CSA listed integral bell

| Nom. size (in.) | A at entrance (in.) | | B at bottom (in.) | | C socket depth (in.) | |
|-----------------|---------------------|---------|-------------------|---------|----------------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| 1¼ | 1.689 | 1.665 | 1.667 | 1.643 | 2.00 | 3.938 |
| 1½ | 1.930 | 1.906 | 1.906 | 1.882 | 2.00 | 1.062 |
| 2 | 2.405 | 2.381 | 2.381 | 2.357 | 2.00 | 1.125 |



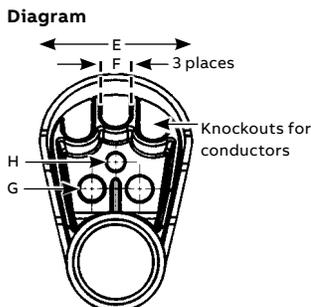
Carlton nonmetallic conduits

Schedule 40 PVC rigid nonmetallic conduits

Service entrance caps



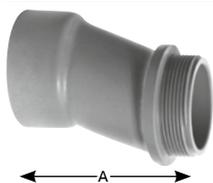
| Cat. no. | Size (in.) | Std. ctn. | Dimensions (in.) | | | |
|----------|------------|-----------|------------------|------|------|------|
| | | | E | F | G | H |
| E998G | 1¼ | 20 | 3.52 | 0.74 | 0.71 | 0.50 |
| E998H | 1½ | 10 | 3.52 | 0.74 | 0.71 | 0.50 |
| E998J | 2 | 5 | 4.26 | 0.83 | 0.78 | 0.56 |



Meter offset



| Cat. no. | Size (in.) | Std. ctn. | Offset (in.) | A (in.) |
|----------|------------|-----------|--------------|---------|
| | | | | Max. |
| E995G | 1¼ | 20 | 0.758 | 4.230 |

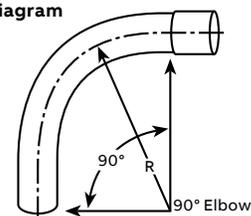


Schedule 40 elbows – Std. radius



| Cat. no. | Size (in.) | Belled end std. ctn. |
|------------|------------|----------------------|
| UA9AGCBUPC | 1¼ | 20 |
| UA9AHCBUPC | 1½ | 25 |
| UA9AJCBUPC | 2 | 20 |

Diagram



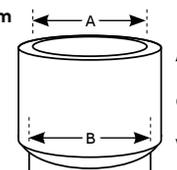
Available in plain and integral belled end for use with nonmetallic solvent weld fittings. Custom elbows available on request.

Integral belled end dimensions



| Trade size (in.) | A at entrance (in.) | | B at bottom (in.) | | C socket depth (in.) | |
|------------------|---------------------|-------|-------------------|-------|----------------------|-------|
| | Max. | Min. | Max. | Min. | Max. | Min. |
| 1¼ | 1.689 | 1.665 | 1.667 | 1.643 | 2.000 | 0.938 |
| 1½ | 1.930 | 1.906 | 1.906 | 1.882 | 2.000 | 1.062 |
| 2 | 2.405 | 2.381 | 2.381 | 2.357 | 2.000 | 1.125 |

Diagram

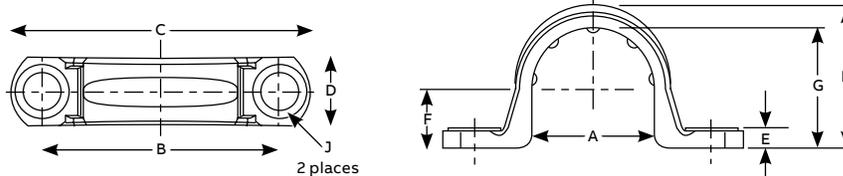


2-Hole nonmetallic clamps



| Cat. no. | Sizes in. (mm) | Std. ctn. (lb) | Dimensions in. (mm) | | | | | | | | |
|-----------|----------------|----------------|---------------------|-----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|
| | | | A | B | C | D | E | F | G | H | J |
| E977GC | 1¼ (35) | 50 | 1.714 (43.5) | 2.68 (68.0) | 3.28 (83.3) | 0.64 (16.2) | 0.15 (3.8) | 0.83 (21.0) | 1.687 (42.8) | 1.89 (48.0) | 0.320 (8.1) |
| E977HC | 1½ (41) | 50 | 1.920 (48.7) | 2.82 (71.6) | 3.44 (87.3) | 0.70 (17.7) | 0.15 (3.8) | 0.97 (24.6) | 1.930 (49.0) | 2.12 (53.8) | 0.312 (7.9) |
| E977JC | 2 (53) | 25 | 2.54 (64.5) | 3.54 (89.9) | 4.18 (106.1) | 0.76 (19.3) | 0.16 (4.0) | 1.05 (26.6) | 2.29 (58.1) | 2.49 (63.2) | 0.315 (8.0) |
| E977LCCAR | 3 (78) | 20 | 3.47 (88.2) | 5.00 (127.0) | 6.00 (152.4) | 1.00 (25.4) | 0.20 (5.08) | 1.74 (44.3) | 3.48 (88.4) | 3.70 (94.0) | 0.360 (9.14) |

Diagrams



Nonmetallic clamps offer the same chemical resistance as Carlton nonmetallic conduits for a complete, corrosion resistant system. UV inhibited for use in direct sunlight. For more information or other sizes, contact your regional sales office

Carlson nonmetallic conduits

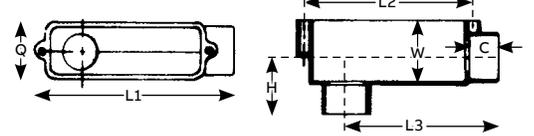
Rigid nonmetallic conduits

Conduit bodies – Type LB



| Cat. no. | Size (in.) | Std. ctn. | C Typical (in.) | Max. L1 (in.) | Typical (in.) | | Max. H (in.) | Max. Q (in.) | Max. W (in.) | Vol. (cu. in.) |
|----------|------------|-----------|-----------------------|---------------------|---------------------------------|----|--------------------------------|--------------------------------|---------------------------------|-------------------|
| | | | | | L2 | L3 | | | | |
| E986G | 1¼ | 10 | 1¾ ₃₂ | 7¾ ₃₂ | 6 ¹³ / ₃₂ | 6 | 2 ⁵ / ₁₆ | 2½ | 2¾ | 32.0 |
| E986H | 1½ | 10 | 1¾ ₃₂ | 7¾ ₃₂ | 6 ¹³ / ₃₂ | 6 | 2 ⁵ / ₁₆ | 2½ | 2¾ | 32.0 |
| E986J | 2 | 10 | 1¾ ₃₂ | 9¾ ₃₂ | 6 ¹³ / ₃₂ | 7¼ | 2 ⁵ / ₁₆ | 3 ⁵ / ₃₂ | 3 ¹⁵ / ₃₂ | 63.0 |

Diagrams

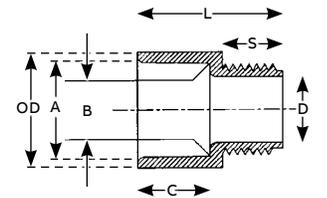


Male terminal adapters



| Cat. no. | Size (in.) | Std. ctn. | Typical (in.) | | Min. D (in.) | Max. OD (in.) | Typical (in.) | | |
|----------|------------|-----------|---------------|-------|-----------------|------------------|---------------|-------|-------|
| | | | A | B | | | C | S | L |
| E943G | 1¼ | 50 | 1.677 | 1.655 | 1.345 | 1.973 | 1.208 | 0.816 | 1.986 |
| E943H | 1½ | 25 | 1.918 | 1.894 | 1.574 | 2.188 | 1.155 | 0.802 | 2.105 |
| E943J | 2 | 50 | 2.393 | 2.369 | 1.998 | 2.713 | 1.145 | 0.825 | 2.093 |
| E943L | 3 | 45 | 3.515 | 3.492 | 2.989 | 3.965 | 1.643 | 0.797 | 2.660 |

Diagram



For adapting nonmetallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other.

Iberville® steel locknuts



| Cat. no. | Trade size (in.) |
|----------|------------------|
| CI1710 | 1¼ |
| CI1712 | 1½ |
| CI1716 | 2 |
| CI1724 | 3 |

PVC conduit to DB/2 duct adapter



| Cat. no. | Size (in.) | Std. ctn. |
|----------|------------|-----------|
| CE942RL | 3 | 1 |

Expansion fitting



| Cat. no. | Size (in.) | Std. ctn. | Travel length (in.) |
|----------|------------|-----------|---------------------|
| E945L | 3 | 10 | 8 |

Carlton PV-Mold

Nonmetallic pole riser system

01 Steel U-guard requires grounding strapping and does not have belled ends.



01

02 PV-Mold has belled ends, flanged design and does not require grounding.



02

Carlton PV-Mold is a nonmetallic pole riser system designed to protect communications power cable installed on poles.

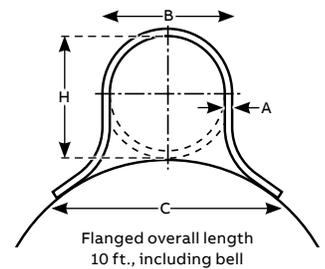
Product specifications

- Meets or exceeds requirements outlined in the National Electric Safety Code (NESC)
- Designed in accordance with NEMA TC-19 specifications
- Ultraviolet, cold-temperature and corrosive-atmosphere resistant
- No grounding required
- Belled end fits over each added section or conduit
- Requires no maintenance
- PV-Mold acts as an insulator against electrical shock
- Interchangeable parts and accessories to match specific requirements

| Size (in.) | Depth of bell (in.) |
|------------|---------------------|
| 1 | 2-2¼ |
| 1½ | 2-2¼ |
| 2 | 2-2¼ |
| 3 | 3-3¾ |
| 4 | 4-4¾ |
| 5 | 4-4½ |
| 6 | 5-5½ |



Diagram



Slots are ½ in. from side to side, and allow for expansion and contraction. Slot dimensions: for sizes 2 in. through 6 in. are 5/16 in. wide, ¾ in. long. Slot dimensions: for 1 in. and 1½ in. are 3/16 in. wide, ¾ in. long. Slot spacing: 18 in. from center, beginning 6 in. from end.

| Cat. no. | Size (in.) | Std. ctn. | Std. ctn. wt. (lb) | Dimensions (in.) | | | | Actual impact at 0 °C 20 pound tup (ft.-lb) |
|-------------------------------|------------|-----------|--------------------|------------------|----------------------------------|----|---------------------------------|---|
| | | | | A | B | C | H | |
| Standard-duty | | | | | | | | |
| 59208N | 1 | 294 | 1,059 | 0.100 | 1⅞ | 2⅞ | 1⅞ | 40 |
| 59211N | 2 | 136 | 726 | 0.100 | 2⅞ | 4½ | 2⅞ | 100 |
| 59213N | 3 | 66 | 761 | 0.150 | 3½ | 6 | 3½ | 110 |
| 59215N | 4 | 65 | 910 | 0.150 | 4½ | 6½ | 4½ | 110 |
| 59216N | 5 | 30 | 515 | 0.150 | 5½ | 7½ | 5½ | 110 |
| Heavy-duty schedule 40 | | | | | | | | |
| 59010N | 1½ | 200 | 1,142 | 0.145 | 22 ²⁹ / ₃₂ | 3½ | 1 ²⁹ / ₃₂ | 100 |
| 59011N | 2 | 136 | 1214 | 0.154 | 2⅞ | 4½ | 2⅞ | 150 |
| 59013N | 3 | 66 | 937 | 0.216 | 3½ | 6 | 3 ⁹ / ₃₂ | 150 |
| 59015N | 4 | 65 | 1621 | 0.237 | 4½ | 6½ | 4½ | 260 |
| 59016N | 5 | 30 | 870 | 0.258 | 5½ | 7½ | 5½ | 260 |
| 59017N | 6 | 30 | 1,160 | 0.280 | 6⅞ | 8¾ | 6⅞ | 260 |

For more information on PV-Mold, contact your regional sales office.

Carlson PV-Mold

PV-Mold installation and fittings

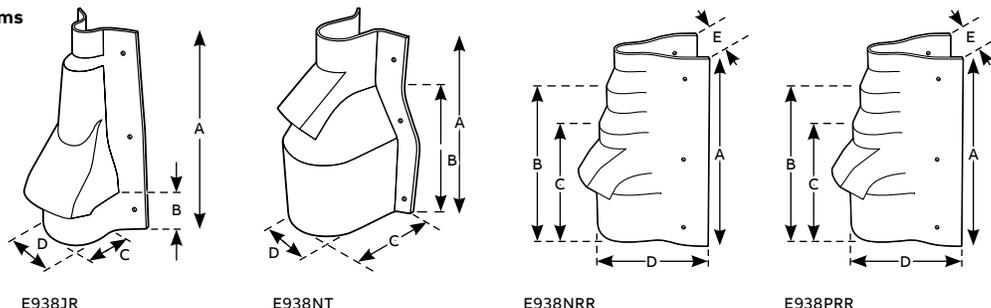
Polyethylene vented boots and adapters

- Note:
1. A field cut may be needed to accommodate different boot or adapter to Carlson U-Mold size combinations.
 2. Recommendation: 2 sets of mounting holes per boot/fitting. To add mounting holes, use a 3/16 in. drill bit and drill out where needed.
 3. When 3 in. or smaller conduit is being used, it's recommended that the bottom (largest section) of the boot or adapter section be buried 2 in. to 3 in. below ground surface.

Vented boots

| Cat. no. | Size (in.) | Dimensions (in.) | | | | | Std. ctn. | Std. ctn. wt. (lb) |
|----------|------------|------------------|-------|-------|-------|-------|-----------|--------------------|
| | | A | B | C | D | E | | |
| E938JR | 2 x 6 | 20.50 | 4.80 | 6.13 | 6.20 | - | 4 | 13.5 |
| E938NT | 4 x 8 | 21.00 | 15.00 | 11.34 | 9.76 | - | 4 | 21.0 |
| E938NRR | 4 x 6 | 20.87 | 16.57 | 12.87 | 11.68 | 11.43 | 6 | 26.4 |
| E938PRR | 5 x 6 | 16.74 | 3.65 | 10.84 | 11.43 | - | 6 | 23.2 |

Diagrams

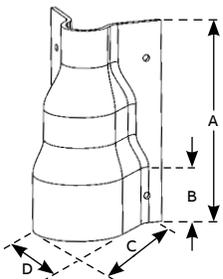


Adapters

| Cat. no. | Size (in.) | Dimensions (in.) | | | | Std. ctn. | Std. ctn. wt. (lb) |
|----------|------------|------------------|------|------|------|-----------|--------------------|
| | | A | B | C | D | | |
| E939JN | 2 x 4 | 11.00 | 6.75 | 5.88 | 5.07 | 8 | 10.0 |
| E939NR | 4 x 6 | 11.00 | 6.75 | 7.08 | 7.13 | 6 | 11.7 |

| Cat. no. | Size (in.) | Dimensions (in.) | | | | | Std. ctn. | Std. ctn. wt. (lb) |
|----------|------------|------------------|------|-------|------|------|-----------|--------------------|
| | | A | B | C | D | E | | |
| E939NRT | 4 x 6 | 19.75 | 4.25 | 12.50 | 8.50 | 7.40 | 63 | 14.0 |

Diagrams e939jn



Diagrams e939jn

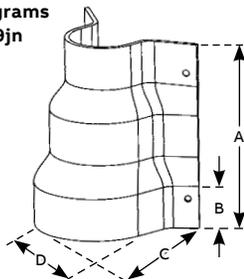
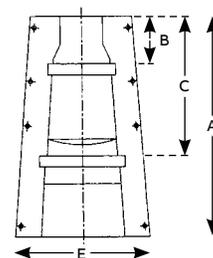


Diagram e939nrt



Carlton PV-Mold

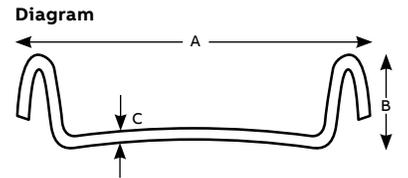
PV-Mold installation and fittings

Duct to riser fittings

| | Cat. no. | Size (in.) | Std. ctn. | Std. ctn. wt. (lb) |
|---|----------|------------|-----------|--------------------|
|  | E939NL | 4 x 3 | 15 | 5.6 |

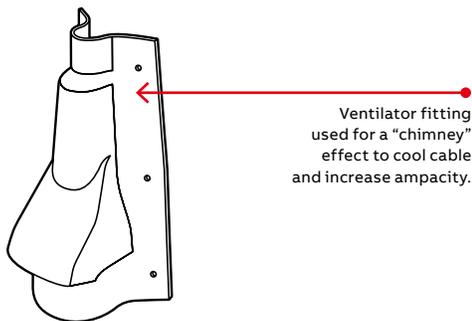
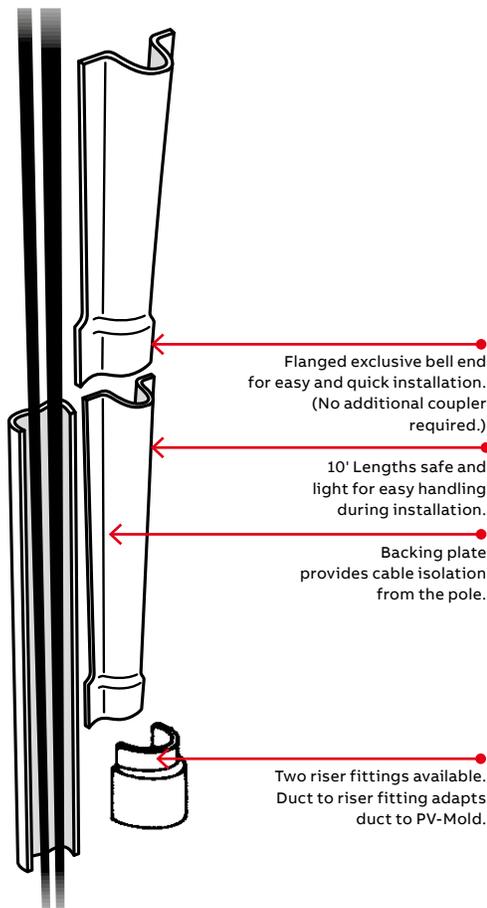
Backing plates

| | Cat. no. | Size (in.) | Length (ft.) | Dimensions (in.) | | | Std. ctn. | Std. ctn. wt. (lb) |
|--|----------|------------|--------------|------------------|-------|-------|-----------|--------------------|
| | | | | A | B | C | | |
|  | 59111 | 2 | 10 | 1/16 | 13/16 | 2 5/8 | 1 | 1.2 |



Carlson PV-Mold

PV-Mold installation instructions



Installation is easy with PV-Mold pole risers:

1. Install ventilator or duct to riser fittings at the base of the pole.
2. Nail backing plate sections to the surface of the pole. Three nail holes are provided in each section. Place the "U" sections over the cable and backing plate, with belled end at the bottom, and attach using ¼ in. lag bolts.

Field installation instructions for Carlson PV-Mold adapters (for adapters E939JN, E939NR, E939NRT)

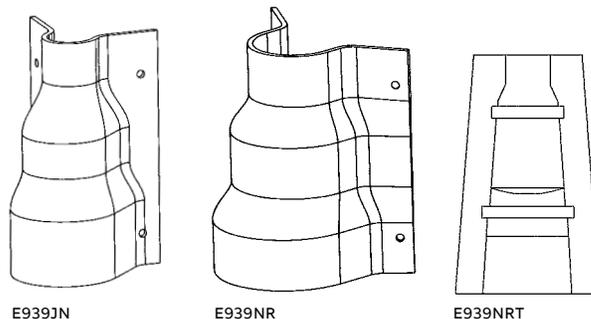
| E939JN | |
|--|---|
| To transition from 4 in. conduit to 2 in. PV-Mold | Place adapter over conduit, attach to pole using the top and bottom mounting holes, place PV-Mold over top section of adapter and secure PV-Mold to pole. |
| To transition from 4 in. conduit to 3 in. PV-Mold | Measure 6.3 in. up from bottom (large end) of adapter and cut. Assemble to pole as described above. |
| To transition from 3 in. conduit to 2 in. PV-Mold* | Measure 4.75 in. up from bottom (large end) of adapter and cut. Assemble to pole as described above. |

| E939NR | |
|--|---|
| To transition from 5 in. conduit to 4 in. PV-Mold | Place adapter over conduit, attach to pole using the top and bottom mounting holes, place PV-Mold over top section of adapter and secure PV-Mold to pole. |
| To transition from 6 in. conduit to 5 in. PV-Mold | Measure 7.25 in. up from bottom (large end) of adapter and cut. Assemble to pole as described above. |
| To transition from 5 in. conduit to 5 in. PV-Mold* | Measure 4.5 in. down from the top of adapter and cut. Assemble to pole as described above. |

| E939NRT | |
|--|--|
| To transition from 6 in. conduit to 4 in. PV-Mold | Place adapter over conduit and attach to pole using the top and bottom mounting holes. Place PV-Mold over top section of adapter and secure PV-Mold to pole. |
| To transition from 6 in. conduit to 5 in. PV-Mold | Measure 5.25 in. down from the top of the adapter and cut. Assemble to pole as described above. |
| To transition from 6 in. conduit to 6 in. PV-Mold* | Measure 9.5 in. up from the bottom of the adapter and cut. Assemble to pole as described above. |

* For these transitions, it is not necessary to cut the adapter if desired. If the adapter is not modified, it is recommended that the bottom 3 in. of the adapter be buried below grade.

Diagrams



Carlton PV-Mold

PV-Mold installation instructions

Field installation instructions for Carlton PV-Mold adapters. For vented boots (E938JR, E938NT, E938NRR, E938PRR).

E938JR

To transition from 5 in. or smaller conduit to 2 in. PV-Mold

Place vented boot over conduit, attach to pole using the top and bottom mounting holes, place PV-Mold over top section of vented boot and secure PV-Mold to pole.

To transition from 5 in. or smaller conduit to 3 in. and larger PV-Mold

For 3 in. PV-Mold: Measure 3.75 in. from the top of the boot and cut. Place the boot over the conduit and attach to the pole. Place belled end of PV-Mold over the top end of the boot and secure.

For 4 in. and 5 in. PV-Mold: Measure 12 in. up from the bottom of the boot and cut. Place the boot over the conduit and attach to the pole. Place the belled end of the PV-Mold against the top edge of the vent protrusion and secure to the pole.

E938NT

To transition from 6 in. to 8 in. conduit to 4 in. PV-Mold

Place boot over conduit and attach to the pole using the mounting holes. Place PV-Mold over top section of vented boot and secure to the pole.

It is recommended that for conduit sizes smaller than 8 in., the bottom 3 in. of the boot be buried below grade. The E938NT can also be used to transition multiple smaller conduits to PV-Mold.

E938NRR

To transition from 6 in. or smaller conduit to 4 in. PV-Mold

Place vented boot over conduit and attach to pole using the top and bottom mounting holes. Place PV-Mold over top section of vented boot and secure PV-Mold to pole.

To transition from 6 in. or smaller conduit to 5 in. PV-Mold

Measure 4.125 in. down from the top of the vented boot and cut. Assemble to pole as described above.

To transition from 6 in. or smaller conduit to 6 in. PV-Mold*

Measure 8.25 in. down from the top of the vented boot and cut. Assemble to pole as described above.

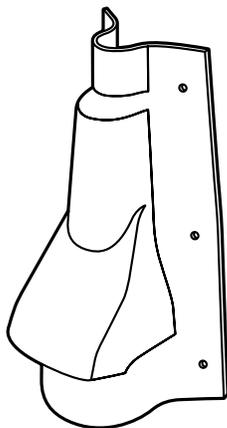
E938PRR

To transition from 6 in. or smaller conduit to 5 in. PV-Mold

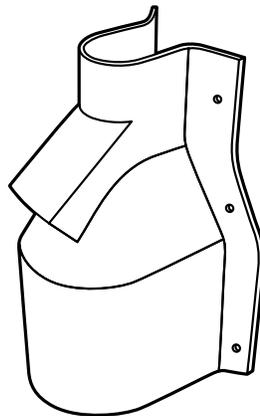
Assemble to pole as described above.

* For these transitions, it is not necessary to cut the adapter if desired. If the adapter is not modified, it is recommended that the bottom 3 in. of the adapter be buried below grade.

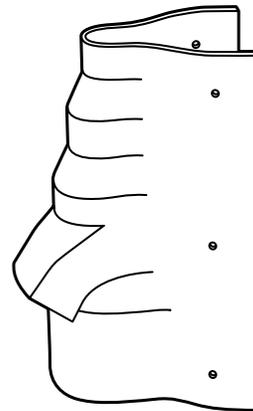
Diagrams



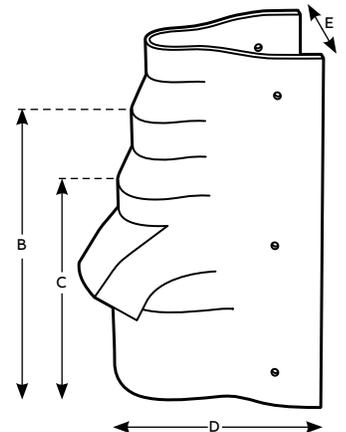
E938JR



E938NT



E938NRR



E938PRR

EZGround grounding systems

Waterpipe ground clamps



| | Cat. no. | Ground wire size (AWG) | Water pipe size (in.) |
|---|----------|------------------------|-----------------------|
|  | 2-TB | #6, #4, #2 | ½, ¾, 1 or rebar 4–10 |
| | 3-TB | #6, #4, #2 | 1¼, 1½ or 2 |
| | 4 | #6, #4, #2 | 2½, 3 or 3½ |
| | 5-TB | #6, #4, #2 | 4, 4½ or 5 |
| | 6 | #6, #4, #2 | 6 |

Malleable iron crossbar, steel U-bolt, comes with copper cable clamp with serrations

Waterpipe ground clamps



| | Cat. no. | Ground wire size (AWG) | Water pipe size (in.) |
|--|----------|------------------------|-----------------------|
|  | 3902 | #4–4/0 | ½–1 |
| | 3903 | #4–4/0 | 1¼–2 |
| | 3904 | #4–4/0 | 2½–3½ |
| | 3905-TB | #4–4/0 | 4–5 |
| | 3906-TB | #4–4/0 | 6 |
| | 3907 | #4–4/0 | 8 |
| | 3908 | #4–4/0 | 10 |
| | 3909-TB | #4–4/0 | 12 |

Material: Steel U-bolt and nut, comes with bronzed aluminum cap and crossbar cadmium plated plus gold chromate finish.

Waterpipe ground clamps



| | Cat. no. | Ground wire size (AWG) | Water pipe size (in.) |
|---|----------|------------------------|-----------------------|
|  | 3902BU* | #4–4/0 | ½–1 |
| | 3903BU* | #4–4/0 | 1¼–2 |
| | 3904BU* | #4–4/0 | 2½–3½ |
| | 3905BU* | #4–4/0 | 4–5 |
| | 3906BU* | #4–4/0 | 6 |
| | 3907BU* | #4–4/0 | 8 |
| | 3908BU* | #4–4/0 | 10 |
| | 3909BU* | #4–4/0 | 12 |

Material: Bronze U-bolt and nut, complete with bronzed aluminum cap and crossbar with a bright dip finish. *UL Listed for direct burial

Ground clamps



| | Cat. no. | Material | Water pipe, Ground copper tubing size (in.) | rod size (in.) |
|--|----------|----------------|---|----------------|
|  | 3826* | Malleable iron | ½, ¾ | ½–1 |
| | 3846* | Bronze | | |
|  | 3849** | Brass | ½–1 | – |
| | 3840-TB• | Malleable iron | ½, ¾ or 1 | – |

* For unarmoured copper wires #6, #4 AWG. ** For copper and aluminum conductors; for #14 through #2 AWG unarmoured copper wires for corrosive and outdoor use. UL approved for direct burial.

• #8 through #4 AWG. Not CSA certified.

Ground clamps for K&L grade copper tubing only



| | Cat. no. | Ground wire size (AWG) | Water pipe, copper tubing size (in.) |
|--|----------|------------------------|--------------------------------------|
|  | 3844* | #8–#4 | ½–1 |
| | 3888** | #8–#4 | ½–1, also rebar 4–10 |

* With steel screws. ** UL approved for direct burial. Silicon bronze screws.

EZGround grounding systems

Galvanized grounding plates

- Made of high-quality steel, hot dip galvanized
- Major time and cost saving versus ground rods

| | Cat. no. | Description | Wire range (AWG) | Std. pkg. |
|--|-------------|---|--------------------|-----------|
|  | 1016TB | Galvanized grounding plate | 8 sol. to 4/0 str. | 1 |
| | 1016BTB | Galvanized grounding plate (complete with JAB34C connector) | 8 sol. to 4/0 str. | 1 |
| | 1016TB-NG* | Grounding plate (not galvanized) | 8 sol. to 4/0 str. | 1 |
| | 1016BTB-NG* | Grounding plate (not galvanized) (complete with JAB34C connector) | 8 sol. to 4/0 str. | 1 |

* CSA not applicable.

Knurling dies for 14- and 15-ton tools

| | Cat. no. | Description |
|--------------|----------|-------------------------------------|
| 240-31565-94 | 15508 | For 5/8 in. and 3/4 in. ground rods |



Hand knurling tool for all ground rods

Used to knurl ground rods in order to increase the pullout value of the compression connection by as much as 20%.

Ground electrode boxes

| | Cat. no. | Description |
|--|----------|--------------------------|
|  | 51628 | Pregalvanized steel |
| | 51629 | Hot dip galvanized steel |

14 gauge steel, 10 in. diameter, 12 in. depth.

EZGround grounding systems

Ground rods

Galvanized ground rods

- Made of high-strength quality cold drawn steel, (1035) hot dip galvanized
- Meets ANSI CI35.30-1979 requirements

- Stainless steel rods are also available (for more detailed information, contact your ABB regional sales office)



| Cat. no. | Trade size | | Rod size (nominal diameter x length) | | Plating thickness (mils) | Std. pkg. | Weight per 100 | |
|-----------------------------|------------|-----|--------------------------------------|-----|--------------------------|-----------|----------------|-----|
| | in. | ft. | mm | m | | | lb | kg |
| GR5006 | ½ | 6 | 12.7 | 1.8 | 4 | 10 | 410 | 186 |
| GR6256 | ⅝ | 6 | 15.8 | 1.8 | 4 | 5 | 600 | 272 |
| GR6258 | ⅝ | 8 | 15.8 | 2.4 | 4 | 5 | 800 | 363 |
| GR6250 (0.543 – 0.555) | ⅝ | 10 | 15.8 | 3.0 | 4 | 5 | 1,000 | 454 |
| GR6260 (0.625 – 0.640) | ⅝ | 10 | 15.8 | 3.0 | 4 | 5 | 1,000 | 454 |
| GR6250B* (0.618 – 0.623) | ⅝ | 10 | 15.8 | 3.0 | 4 | 5 | 1,000 | 454 |
| GR7506 | ¾ | 6 | 15.8 | 1.8 | 4 | 5 | 700 | 318 |
| GR7508 | ¾ | 8 | 19.0 | 2.4 | 4 | 5 | 1,200 | 545 |
| GR7510 | ¾ | 10 | 19.0 | 3.0 | 4 | 5 | 1,500 | 681 |

* B suffix denotes black iron bare steel ground rod (CSA not applicable). CSA lists rods ½ in. and larger, 10 ft. and longer.

Copper bonded steel ground rods

- All EZGround ground rods have a heavy uniform covering of electrolytic copper bonded to a rigid steel core

- Copper ions are forced electrically to join with the steel core, establishing a corrosion-resistant bond between the copper and the steel



| Cat. no. | Trade size | | Rod size (nominal diameter x length) | | Plating thickness (mils) | Std. pkg. | Weight per 100 | |
|----------|------------|-----|--------------------------------------|-----|--------------------------|-----------|----------------|-------|
| | in. | ft. | mm | m | | | lb | kg |
| 5005 | ½ | 5 | 12.7 | 1.8 | 5 | 10 | 305 | 138 |
| 5006 | ½ | 6 | 15.8 | 1.8 | 5 | 5 | 370 | 168 |
| 5008 | ½ | 8 | 15.8 | 2.4 | 5 | 5 | 545 | 247 |
| 5010 | ½ | 10 | 15.8 | 3.0 | 5 | 5 | 611 | 277 |
| 6256 | ⅝ | 6 | 15.8 | 3.0 | 5 | 5 | 508 | 230 |
| 6258* | ⅝ | 8 | 15.8 | 3.0 | 10 | 5 | 678 | 308 |
| 6260* | ⅝ | 10 | 15.8 | 1.8 | 10 | 5 | 847 | 384 |
| 7508* | ¾ | 8 | 19.0 | 2.4 | 10 | 5 | 992 | 450 |
| 7510* | ¾ | 10 | 19.0 | 3.0 | 10 | 5 | 1,240 | 462 |
| 1010* | 1 | 10 | 25.4 | 3.0 | 10 | 1 | 2,248 | 1,020 |

* Ground rods are UL listed (425H), except for regular rods shorter than 8 ft. or less than ½ po CSA lists rods ½ po and larger, 10 ft. and longer.

EZGround grounding systems

Ground rods

Sectional type ground rods

- Sectional type ground rods have the same high-quality as regular copper bonded steel ground rods, and are threaded top and bottom



| Cat. no. | Trade size | | Rod size (nominal diameter x length) | | Plating thickness (mils) | Thread size (in.-UNS) | Std. pkg. | Weight per 100 | |
|----------|------------|-----|--|-----|--------------------------------|-----------------------------|-----------|----------------|-------|
| | in. | ft. | mm | m | | | | lb | kg |
| 5006LS | ½ | 6 | 12.7 | 1.8 | 10 | ⅜-12 | 5 | 410 | 189 |
| 5008LS | ½ | 6 | 15.8 | 1.8 | 10 | ⅜-12 | 5 | 546 | 248 |
| 5010LS | ½ | 8 | 15.8 | 2.4 | 10 | ⅜-12 | 5 | 682 | 309 |
| 6256S | ⅝ | 6 | 15.8 | 3.0 | 5 | ⅝-11 | 5 | 481 | 230 |
| 6258S | ⅝ | 8 | 15.8 | 3.0 | 10 | ⅝-11 | 5 | 670 | 308 |
| 6260S | ⅝ | 10 | 15.8 | 3.0 | 10 | ⅝-11 | 5 | 837 | 384 |
| 7506S | ¾ | 6 | 15.8 | 1.8 | 5 | ¾-10 | 5 | 774 | 160 |
| 7508S | ¾ | 8 | 19.0 | 2.4 | 10 | ¾-10 | 5 | 992 | 450 |
| 7510S | ¾ | 10 | 19.0 | 3.0 | 10 | ¾-10 | 5 | 1,040 | 562 |
| 1010S | 1 | 10 | 25.4 | 3.0 | 10 | 8-1 | 1 | 2,248 | 1,020 |



CSA lists rods ½ in. and larger, 10 ft. and longer.

Couplings

- Threaded couplings are made of high-strength, corrosion resistant alloy
- Streamlined design reduces driving friction
- Couplings are tapped for use on all standard threaded sectional rods



| Cat. no. | Rod diameter (in.) | Thread size (in.-UNS) | Std. pkg. | Weight per 100 (lb) |
|----------|--------------------|-----------------------|-----------|---------------------|
| 50LC | ½ | ⅜-12 | 25 | 17 |
| 60C | ⅝ | ⅝-11 | 25 | 25 |
| 70C | ¾ | ¾-10 | 25 | 38 |
| 80C | 1 | 1-8 | 10 | 75 |



EZGround grounding systems

Ground rods

Driving studs

- Driving studs of high-strength steel
- May be used with all standard threaded couplings



| | Cat. no. | Rod diameter (in.) | Thread size (in.-UNS) | Std. pkg. | Weight per 100 (lb) |
|---|----------|--------------------|-----------------------|-----------|---------------------|
|  | 50LDS* | 1/2 | 9/16-12 | 10 | 16 |
| | 60DS*+ | 5/8 | 3/4-11 | 25 | 23 |
| | 70DS* | 3/4 | 3/4-10 | 5 | 35 |
| | 80DS | 1 | 1-8 | 10 | 75 |

* UL Listed

+CSA Certified

Threadless couplings and driving caps for standard copper bonded ground rods

Threadless couplings

- For joining non-threaded, sectional, copper bonded, steel ground rods
- Coupling is manufactured of a high-strength, corrosion resistant, silicone bronze

Threadless driving caps

- Prevent “mushrooming” of ground rod while driving to ensure proper fit of coupling
- Driving cap is manufactured of high-strength, hardened steel

| Cat. no. | Size (in.) | Dimensions (in.) | | Std. pkg. | Weight per 100 (lb) |
|-----------------------------|------------|------------------|----------|-----------|---------------------|
| | | Length | Diameter | | |
| Threadless couplings | | | | | |
| 50CNT* | 1/2 | 3.0 | 0.78 | 25 | 34 |
| 60CNT2* | 5/8 | 2.5 | 0.69 | 25 | 34 |
| 70CNT* | 3/4 | 3.0 | 0.97 | 25 | 31 |
| Driving caps | | | | | |
| 60DSNT | 5/8 | 4.0 | 0.88 | 10 | 43 |



* UL Listed

EZGround grounding systems

Clamps

Type JAB — ground rod clamps

- Cast of high-strength corrosion-resistant copper alloy
- Both hex head and socket set screws available

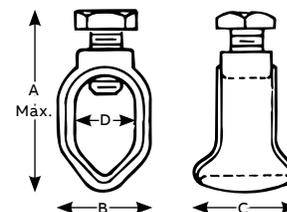
- Long bearing surface of clamp on ground wire secures ground connection
- UL listed for direct burial



| Cat. no. | Hex head bolt | Nominal rod dia. | | Wire range | | | | Dimensions (in.) | | | | | |
|----------|---------------|------------------|--------------|------------|---------|-------------------------|-------------------------|---------------------------------|---------------------------------|--------------------------|--------------------------------|--------|--------------------------------|
| | | (in.) | (mm) | max. | min. | max. (mm ²) | min. (mm ²) | A (max.) socket screw | A (max.) hex bolt | Screw thread size UNC-2A | B | C | D |
| JAB12* | JAB12H | 1/2 | 12.7 | 2 str. | 10 sol. | 33.6 | 5.2 | 1 ¹⁹ / ₃₂ | 2 ³ / ₃₂ | 7/16-14 | 2 ⁷ / ₃₂ | 7/8 | 1 ⁹ / ₃₂ |
| JAB58 | JAB58H | 5/8 | 15.8 | 1/0 str. | 8 sol. | 53.4 | 8.3 | 1 ²⁷ / ₃₂ | 2 ¹³ / ₆₄ | 7/16-14 | 2 ⁹ / ₃₂ | 1 | 1 ¹ / ₁₆ |
| JAB34 | JAB34H | 3/4 | 19.0 | 1/0 str. | 8 sol. | 53.4 | 8.3 | 2 | 2 ¹¹ / ₃₂ | 7/16-14 | 1 ¹ / ₁₆ | 1 | 5 ¹ / ₆₄ |
| - | JAB34C | 3/4 + 5/8 | 15.8 to 19.0 | 3/0 str. | 8 sol. | 95.0 | 8.3 | - | 2 ¹¹ / ₃₂ | 7/16-14 | 1 1/8 | 1 1/32 | 13/16 |
| JAB1 | JAB1H | 1 | 25.0 | 4/0 str. | 8 sol. | 107.1 | 8.3 | 2 1/4 | 3 | 7/16-14 | 1 11/32 | 1 1/16 | 1 |



Diagram



* CSA not applicable. Add suffix P to No de cat. for tin-plated clamp

Type G — budget line ground clamps

- A dependable ground connection offered at a substantial saving
- Cast of high-strength corrosion-resistant copper alloy

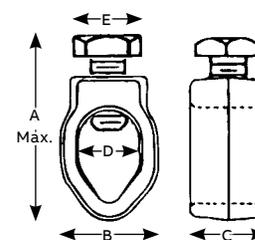
- Hex head bolts
- Simplified compact design will make a lasting, trouble-free connection
- Listed for direct burial



| Cat. no. | Nominal rod dia. | | Wire range | | | | Dimensions (in.) | | | | | |
|----------|------------------|------|------------|---------|-------------------------|-------------------------|------------------|--------------------------|--------|-----|-------|-----|
| | (in.) | (mm) | max. | min. | max. (mm ²) | min. (mm ²) | A (max.) Bolt | Screw thread size UNC-2A | B | C | D | E |
| G3* | 3/8 | 9.5 | 4 str. | 10 sol. | 21.1 | 5.2 | 1 3/8 | 5/16-18 | 1 1/16 | 1/2 | 27/64 | 3/8 |
| G4 | 1/2 | 12.7 | 2 str. | 10 sol. | 33.6 | 5.2 | - | 3/8-16 | 27/32 | 3/8 | 37/64 | 1/2 |
| G5 | 5/8 | 15.8 | 2 str. | 10 sol. | 33.6 | 5.2 | - | 3/8-16 | 29/32 | 3/8 | 43/64 | 1/2 |
| G6 | 3/4 | 19.0 | 2 str. | 10 sol. | 33.6 | 5.2 | - | 3/8-16 | 1 1/16 | 3/8 | 19/16 | 1/2 |



Diagram



* Not UL Listed and CSA not applicable. Add suffix P to cat. no. for tin-plated clamp

EZGround grounding systems

Clamps

Cast bronze ground clamps

- Connect copper ground wire to water pipe, copper tubing or ground rods
- High-strength, high-conductivity copper alloy (over 80% copper)
- UL listed for direct burial



| | Cat. no. | Water pipe size (in.) | Conductor range (AWG) |
|--|----------|-----------------------|-----------------------|
|  | JD | ½–1 | #2 str.–#10 str. |
| | J2D | 1¼–2 | #2 str.–#10 str. |

Type J — cast bronze ground clamps

- For connecting grounding conductor to water pipe or copper tube
- Cast of high-strength, highly conductive copper alloy
- Screws plated for corrosion resistance
- UL listed

| Cat. no. | Water pipe size (in.) | Conductor range (AWG) | | Dimensions (in.) | | |
|----------|-----------------------|-----------------------|---------|------------------|---------------------------------|--------------------------------|
| | | Max. | Min. | A | B | C |
| J | ½–1 | 2 str. | 10 sol. | 2¾ | 2 ¹¹ / ₃₂ | 2 ³ / ₃₂ |
| J2BB | 1¼–2 | 2 str. | 10 sol. | 3¾ | 3½ | 1 ³ / ₁₆ |
| J2124 | 2½–4 | 2 str. | 10 sol. | 6 | 6 ⁵ / ₁₆ | 1 |
| J6 | 4¾–6 | 2 str. | 10 sol. | 7¾ | 8 ³ / ₈ | 1 |

EZGround grounding systems

Clamps

Technical specifications



| | Cat. no. | Water pipe size (in.) | Ground wire size (AWG) | | Ground rod size (in.) | |
|---|----------|-----------------------|------------------------|----------|-----------------------|-------------|
| | | | min. | max. | Galv. steel | Copper clad |
| Ground clamp (zinc alloy body/steel screws) | | | | | | |
|  | CI3106 | 1/2-1 | 10 sol. | 2 str. | 5/8-1* | - |
| Ground clamp (zinc/steel) | | | | | | |
|  | CI3108 | 1/2-1 | 10 sol. | 2 str. | 5/8-1* | - |
| For connecting grounding conductor to either galvanized steel rod or water pipe. | | | | | | |
| Ground clamp (brass body/brass screws) | | | | | | |
|  | CI3110U | 1/2-1 | 10 sol. | 2 str. | 5/8-1* | 5/8-1 |
| For connecting grounding conductor to either galvanized steel rod, copper clad or water pipe. CSA approved for wet locations and for direct burial. | | | | | | |
| Ground clamp (brass body/brass screws) | | | | | | |
|  | CI3112U | 1 1/4-2 | 10 sol. | 2 str. | - | - |
| For connecting grounding conductor to water pipe. CSA approved for wet locations and for direct burial. | | | | | | |
| Ground rod clamp (bronze body/brass screws) | | | | | | |
|  | CIGRC58 | - | 10 sol. | 2 str. | 5/8 | 5/8 |
| | CIGRC34 | - | 8 sol. | 1/0 str. | 3/4 | 3/4 |

For connecting grounding conductor to either galvanized steel rod or copper clad rod.
CSA approved for wet locations and for direct burial.

*Reversible.

EZGround types of connectors used in Microelectric meter sockets

Tunnel type connector

A tunnel type connector is made of aluminum and is ideally suited for grounding and bonding applications accommodating both copper and aluminum conductor size #6 AWG to 250 kcmil.

Dual tunnel type connector

A tunnel type connector is made of aluminum and is ideally suited for grounding and bonding applications accommodating both copper and aluminum conductor size #6 AWG to 250 kcmil.

Stud connector

Stud connector is made of zinc-plated steel suited for copper or aluminum wire sizes of #6 AWG to 350 kcmil. Connector is comprised of a stud nut, washer and bell nut.

Lay-in type connector

A lay-in lug is made of aluminum and is ideally suited for grounding and bonding applications accommodating both copper and aluminum conductor sizes #14 AWG to 250 kcmil.

Compression lug

Made of high-conductivity wrought copper. Supplied by utility based on wire size requirements.



Tunnel type connector



Dual tunnel type connector



Stud connector



Lay-in type connector



Compression lug