

**D**

## Microelectric® - Meter sockets



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D

**Microelectric - Meter sockets**

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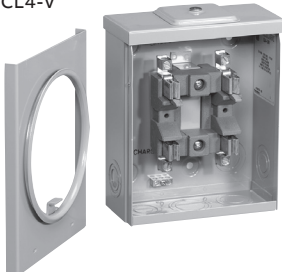
CL Series

20 A 600 V; transformer rated

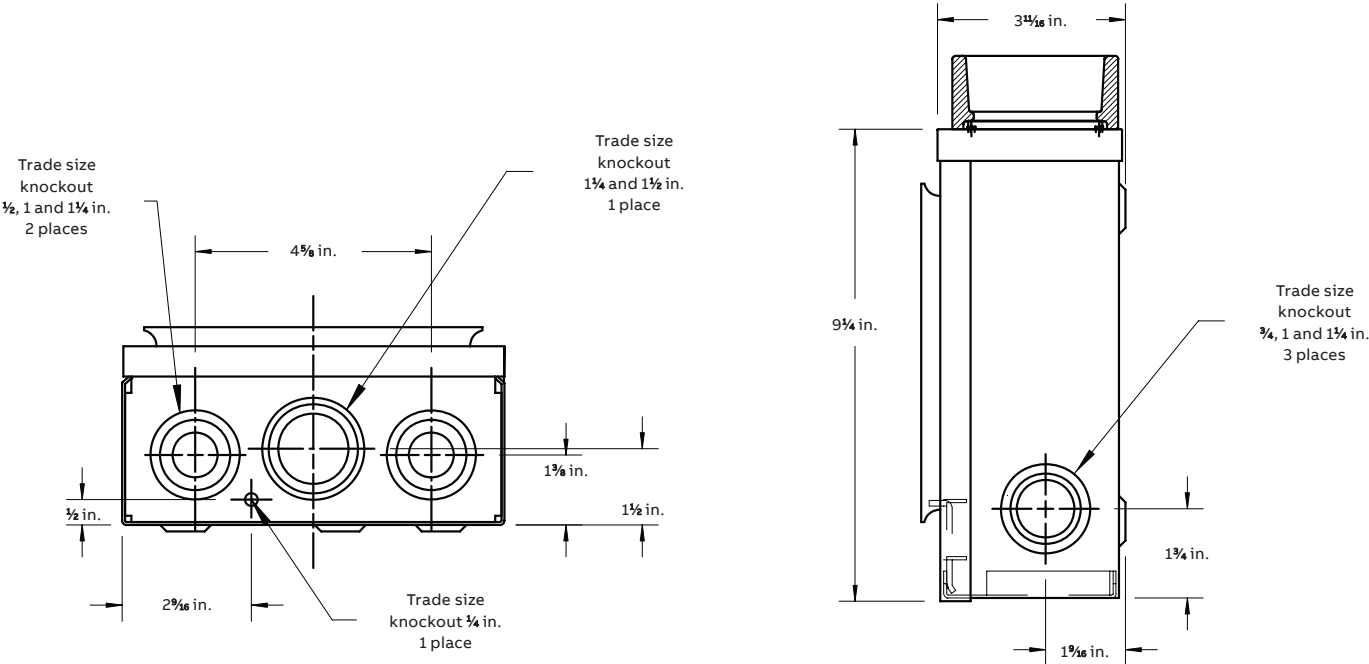
Product specifications

- 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
	<b>4 Jaw</b>						
	CL4-V	Circuit closing on left side	9¾	7⅞	31¼ <sub>16</sub>	7	3.1
	CL4-TV	Circuit closing on left side, no hub opening					
	<b>5 Jaw</b>						
	CL5-V	Circuit closing on left side (Lower right hand jaw is a support only)	9¾	7⅞	31¼ <sub>16</sub>	7	3.1

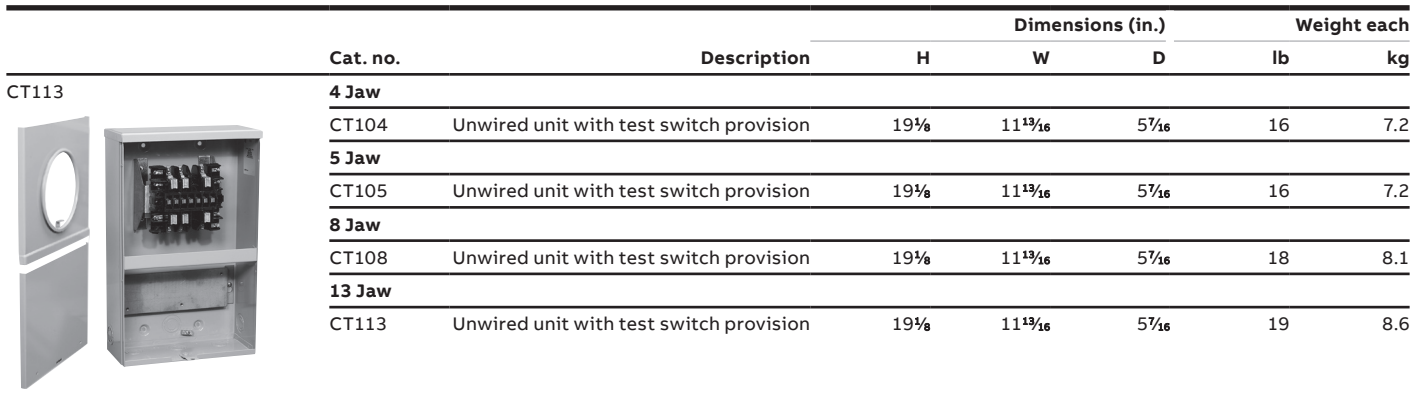
Diagrams



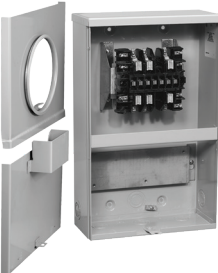


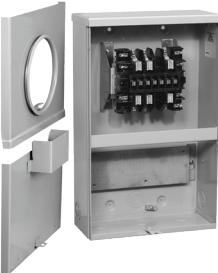
20 A 600 V; transformer rated with compartment for test switch

- 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.



 Approved for  
copper only



	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	<b>5 Jaw</b>						
	CT105-L	BC Hydro approved with SWL cover with enlarged padlock hole	19 $\frac{3}{8}$	11 $\frac{13}{16}$	5 $\frac{7}{16}$	16	7.2
	<b>8 Jaw</b>						
	CT108-L	BC Hydro approved with SWL cover with enlarged padlock hole	19 $\frac{3}{8}$	11 $\frac{13}{16}$	5 $\frac{7}{16}$	18	8.1
	<b>13 Jaw</b>						
	CT113-L	BC Hydro approved with SWL cover with enlarged padlock hole	19 $\frac{3}{8}$	11 $\frac{13}{16}$	5 $\frac{7}{16}$	19	8.6

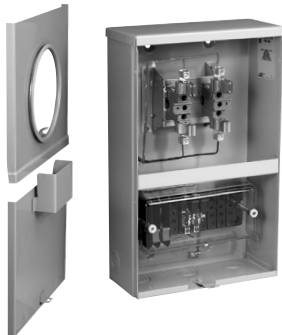
CT-SWL Series

20 A 600 V; transformer rated with test switch

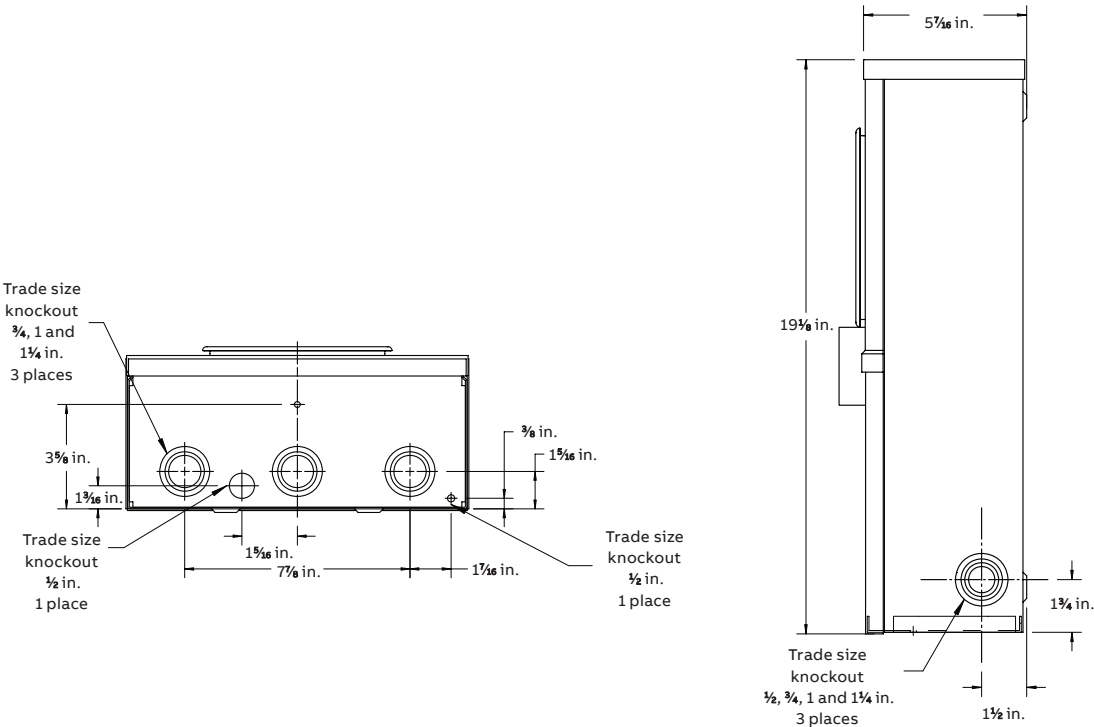
Product specifications

- 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
	<b>4 Jaw</b>						
	CT104-SWL	Factory prewired unit with lockout device on bottom door	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	18	8.2
	CT104-6SWL	Factory prewired unit with lockout device on bottom door (Enmax approved) 5 <sup>th</sup> jaw in 6 o'clock position	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	18	8.2
	CT104-5SWLHQ	Hydro-Québec approved 20 A current transformer meter socket	18	8 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	11	5.4
	CT105-SWLMH	Manitoba Hydro approved 20 A current transformer meter socket	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	21	9.5
	<b>6 Jaw</b>						
	CT106-SWL	Factory prewired unit with lockout device on bottom door	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	21	9.5
	CT106-SWLNL	Newfoundland approved 20 A current transformer meter socket	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	21	9.5
	CT108-SL	Epcor approved 20A current transformer meter socket	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	21	9.5
	<b>13 Jaw</b>						
	CT113-SWL	Factory prewired unit with lockout device on bottom door	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	21	9.5
	CT113-SWLNL	Newfoudland approved 20 A current transformer meter socket	19 <sup>1</sup> / <sub>8</sub>	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	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

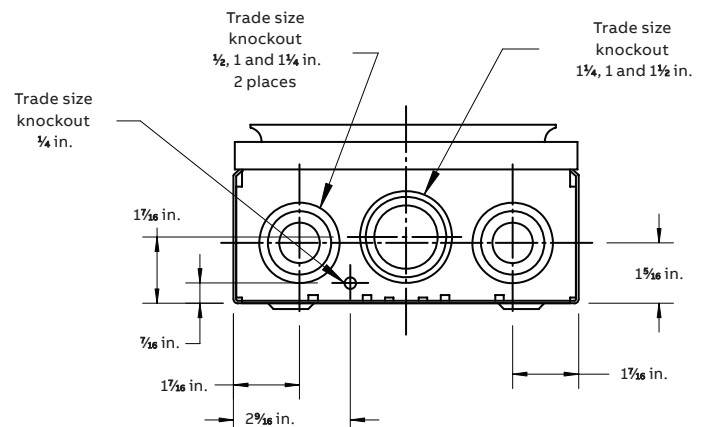
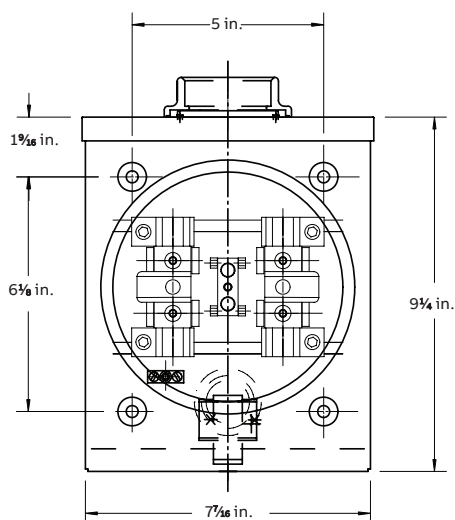
Note: Supply from an underground network often requires use of stud type connector. Consult your local utility.



Approved  
for copper

	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	<b>4 Jaw</b>						
	BA3-V	Overhead, hub opening	9¾	7⅞	3⅜	5	2.2
	BA3-INV	Overhead opening comes with insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA3-1V	Overhead, hub opening, comes with 1 in. hub	9¾	7⅞	3⅜	5	2.2
	BA3-1 1/4V	Overhead, hub opening, comes with 1¼ in. hub	9¾	7⅞	3⅜	5	2.2
	BA3-1 1/4INV	Overhead , hub opening comes with 1¼ in. hub and insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA3-TV	Underground	9¾	7⅞	3⅜	5	2.2
	BA3-INTV	Underground come with insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA3-TCV	Combination overhead-underground	9¾	7⅞	3⅜	5	2.2
	BA3-INTCV	combination overhead-underground come with insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA33-V	Overhead, twin hub opening	9¾	7⅞	3⅜	5	2.2
	BA33-INV	Overhead , twin hub opening come with insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA33-1V	Overhead, twin hub opening comes with 1 in. hubs	9¾	7⅞	3⅜	5	2.2
	BA33-1 1/4V	Overhead, twin hub opening, comes with 1¼ in. hubs	9¾	7⅞	3⅜	5	2.2
	BA4-V*	Indoor type, KO on top	9¾	7⅞	3⅜	5	2.2
	BA4-INV*	Indoor type, KO on top, comes with insulated neutral	9¾	7⅞	3⅜	5	2.2
	BA4-VGN*	Indoor type, KO on top, comes with ground lug on neutral	9¾	7⅞	3⅜	5	2.2
<b>Factory-installed accessories</b>							
Include: -5			5 <sup>th</sup> jaw, standard capacity, 9 o'clock position				
<b>*for indoor use only unit is not NEMA 3R</b>							

### Diagrams



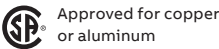
BE1 Series  
125 A 600 V; king size


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

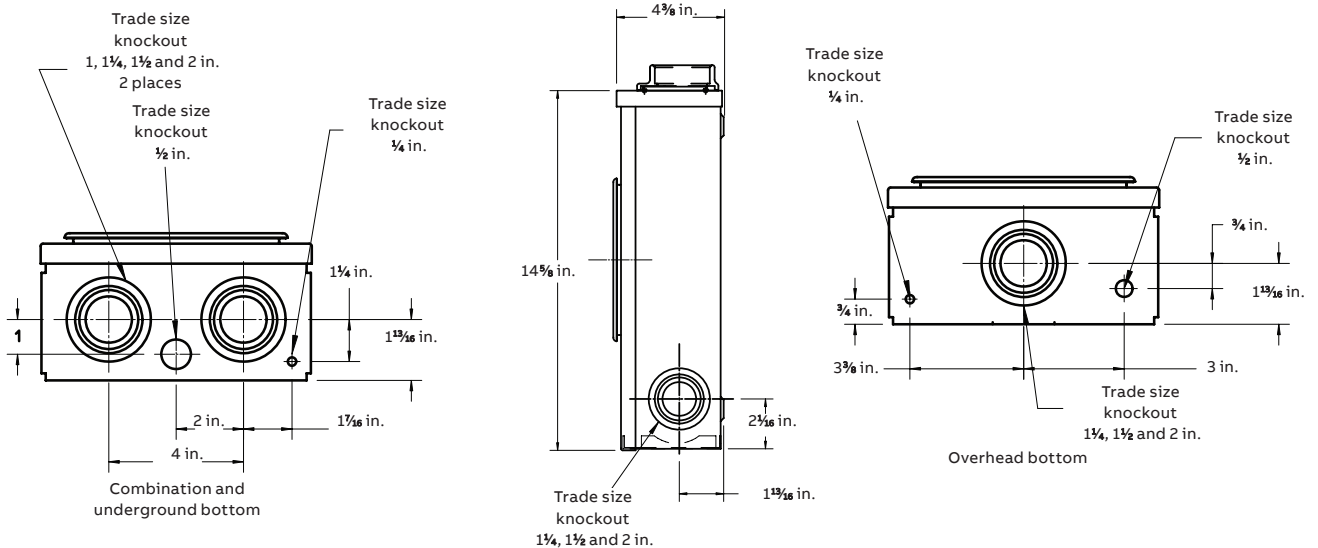
- Weatherproof Type 3R enclosure
- Primarily used in all provinces

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



	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	<b>4 Jaw</b>						
	BE1-V	Overhead, hub opening	14%	8¼	4%	8	3.6
	BE1-INV	Overhead, hub opening, comes with insulated neutral	14%	8¼	4%	8	3.6
	BE1-1 1/4V	Overhead, hub opening, comes with 1¼ in. hub	14%	8¼	4%	8	3.6
	BE1-1 1/4INV	Overhead, hub opening comes with 1 ¼" hub and insulated neutral	14%	8¼	4%	8	3.6
	BE1-1 1/4VGN	Overhead, comes with 1 ¼ in. hub and ground lug on neutral	14%	8¼	4%	8	3.6
	BE1-1 1/2V	Overhead, hub opening, comes with 1½ in. hub	14%	8¼	4%	8	3.6
	BE1-TV	Underground	14%	8¼	4%	8	3.6
	BE1-INTV	Underground comes with insulated neutral	14%	8¼	4%	8	3.6
	BE1-TCV	Combination overhead-underground	14%	8¼	4%	8	3.6
	BE1-TCVGN	Combination overhead-underground, comes with ground lug on neutral	14%	8¼	4%	8	3.6
	BE1-TCV-CR	Combination overhead-underground, corrosion resistant	14%	8¼	4%	8	3.6
	BE1-TCVGN-CR	Combination overhead-underground, comes with ground lug on neutral, corrosion resistant	14%	8¼	4%	8	3.6
	BE1-INTCV	Combination overhead-underground comes with insulated neutral	14%	8¼	4%	8	3.6
	BE1-5-TVGN	Combination overhead-underground	14%	8¼	4%	8	3.6
	BE11-V-CM	Overhead, twin hub opening	14%	8¼	4%	8	3.6
	BE11-1 1/4V	Overhead, twin hub opening comes with 1¼ in. hubs	14%	8¼	4%	8	3.6
	BE11 1/4INV	Overhead, twin hub opening comes with 1¼ in. hubs and insulated neutral	14%	8¼	4%	8	3.6
	BE11-1 1/4VGN	Overhead, twin hub opening, comes with 1 ¼ in. hubs and ground lug on neutral	14%	8¼	4%	8	3.6
<b>Factory-installed accessories</b>							
Include: -5			5 <sup>th</sup> jaw, standard capacity, 9 o'clock position				

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.

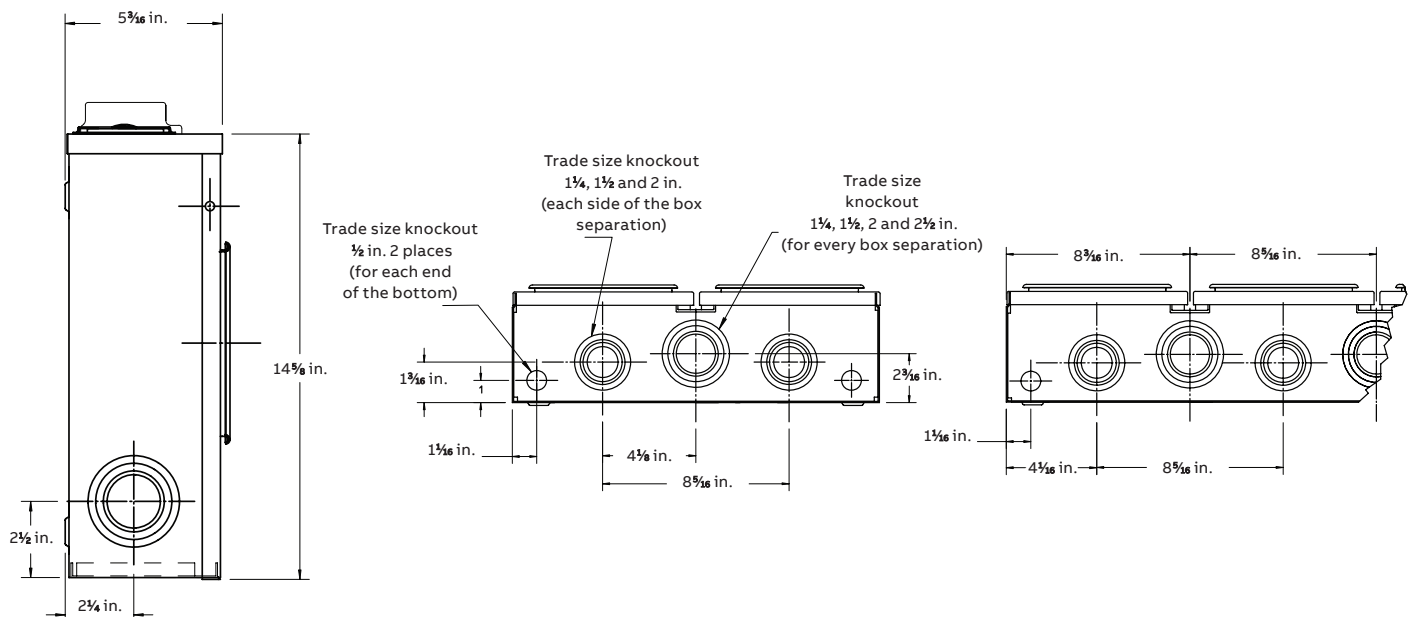
### Product specifications

- 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

 Approved for copper or aluminum

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

### Diagrams



## BEC Series

200 A (main lugs) 600 V; multiple position – 125 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.



Approved for copper  
or aluminum

Cat. no.	Meter position	Dimensions (in.)			Weight each	
		H	W	D	lb	kg
<b>4 Jaw</b>						
<b>Left-hand entry</b>	<b>Right-hand entry</b>					
BEC2-V	BEC2-VH	2 position	15 $\frac{3}{8}$	24 $\frac{3}{16}$	5	12.2
BEC2-VA*	BEC2-VAH	2 position comes with connector (tunnel type)	15 $\frac{3}{8}$	24 $\frac{3}{16}$	5	12.2
BEC2-VE*	BEC2-VEH	2 position extended enclosure	20 $\frac{1}{16}$	24 $\frac{3}{16}$	5	12.2
BEC3-V	BEC3-VH	3 position	15 $\frac{3}{8}$	33 $\frac{3}{8}$	5	15.9
BEC3-VA*	BEC3-VAH	3 position comes with connector (tunnel type)	15 $\frac{3}{8}$	33 $\frac{3}{8}$	5	15.9
BEC3-VE*	–	3 position extended enclosure	20 $\frac{1}{16}$	33 $\frac{3}{8}$	5	15.9
BEC4-V	BEC4-VH	4 position	15 $\frac{3}{8}$	41 $\frac{7}{16}$	5	19.5
BEC4-VA*	BEC4-VAH	4 position comes with connector (tunnel type)	15 $\frac{3}{8}$	41 $\frac{7}{16}$	5	19.5
BEC4-VE*	–	4 position extended enclosure	20 $\frac{1}{16}$	41 $\frac{7}{16}$	5	19.5
BEC5-V	BEC5-VH	5 position	15 $\frac{3}{8}$	49 $\frac{3}{8}$	5	23.1
BEC6-V	BEC6-VH	6 position	15 $\frac{3}{8}$	57 $\frac{5}{8}$	5	26.8
<b>Factory installed accessories</b>						
Include:	-5 5 <sup>th</sup> jaw, standard capacity, 9 o'clock position					

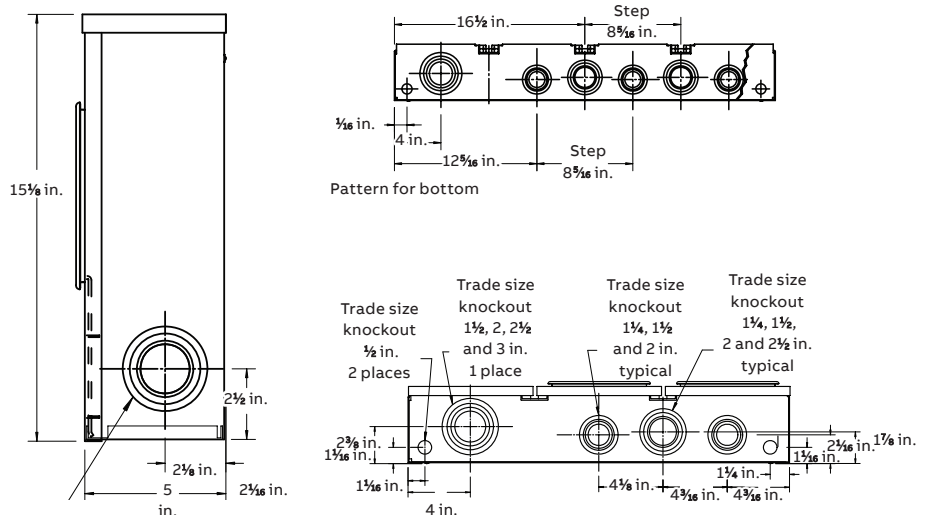
\* Note: Models with suffix -VA and -VAH = tunnel type connectors on line side provided instead of studs (required by B.C. Hydro).  
Conductor range: line: 1-1/0 AWG, load: 6-1/0 AWG.

## 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



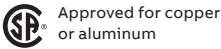
PL17 Series


100 A 600 V; polyphase

Product specifications

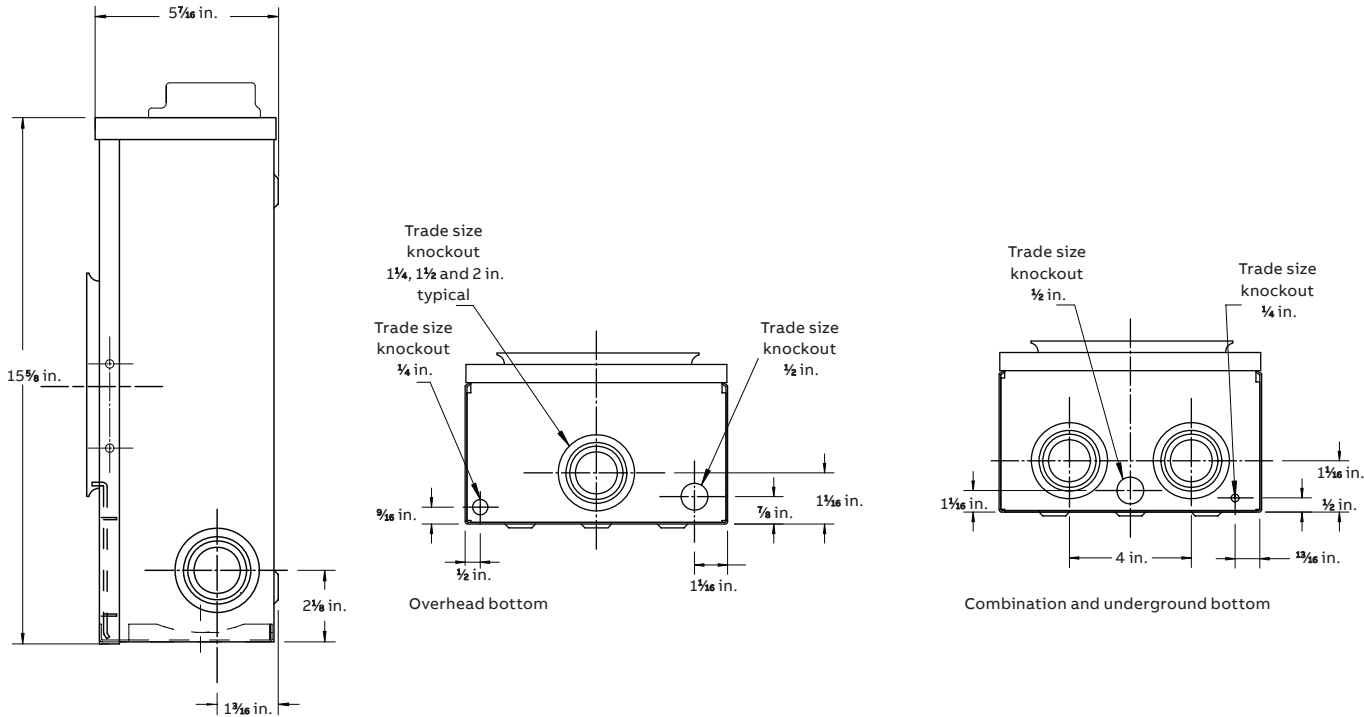
- Conductor range: 6–1/0 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead, underground and combination overhead/underground
- Supplied with screw type ring

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



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

Diagrams

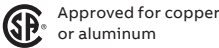



CO1 Series

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

Product specifications

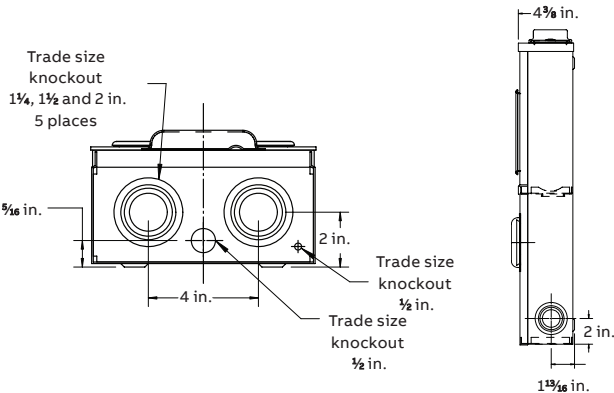
- Conductor range (line and load): 6–1/0 AWG
- Aluminum tunnel type connectors for both load and line sides
- For overhead installation
- For underground installation, gutter option must be ordered (G)
- With factory-installed neutral conductor
- Suitable for 120/240 V single-phase service entrance for mobile homes, trailers, temporary services, recreational parks and other commercial and residential locations
- All units shipped complete with breaker will be supplied with either Siemens type Q (QP) OR GE type THQL (THHQL)
- 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



	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



	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	4⅝	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	4⅝	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	4⅝	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	4⅝	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	4⅝	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	4⅝	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	4⅝	30	13.60
	CO13	Overhead	3 Gang, Provision for 3 X 2 pole 10 kA rated circuit breaker	3	23½	24¾	4⅝	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	4⅝	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	4⅝	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	4⅝	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	33⅝	4⅝	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	33⅝	4⅝	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	33⅝	4⅝	45	20.41
	CO14	Overhead	4 Gang, Provision for 4 X 2 pole 10 kA rated circuit breaker	4	23½	33⅝	4⅝	60	27.21
	CO14-100	Overhead	4 Gang, Comes complete with 4 X 2 pole 100 A 10 kA rated circuit breaker	4	23½	33⅝	4⅝	60	27.21
	CO14-100HI	Overhead	4 Gang, Comes complete with 4 X 2 pole 100 A 22 kA rated circuit breaker	4	23½	33⅝	4⅝	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	4⅝	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	4⅝	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	4⅝	60	27.21	


Note: For underground version, add suffix -U.

## CO1 Multi-gang

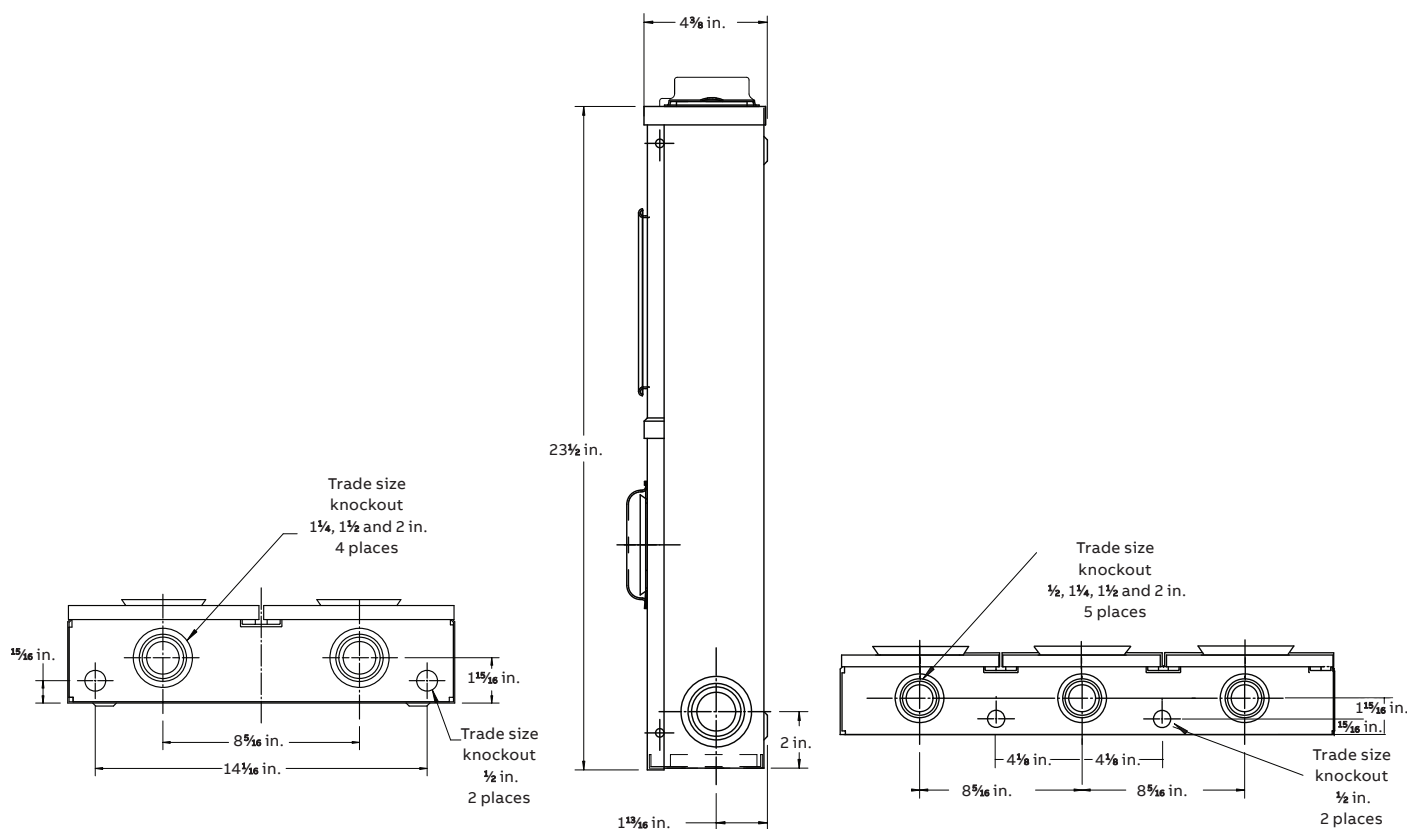
200 A (main lugs), 100 A per position 120/240 V; multi-gang combination with or without breaker

### 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
- All units shipped complete with breaker will be supplied with either Siemens type Q (QP) OR GE type THQL (THHQL)
- 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

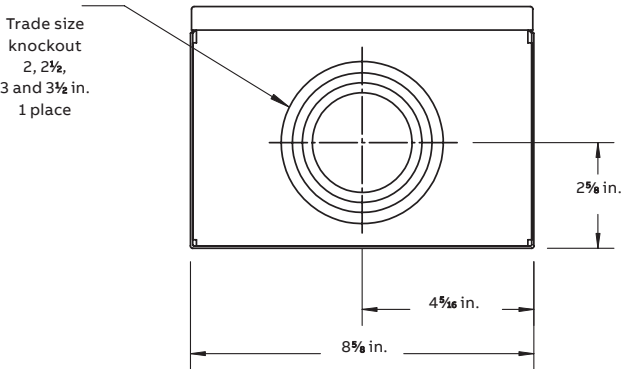
- 100 A, 120/240 V single-phase weatherproof junction box for flat rate services fed underground such as telephone booths, plastic signs, bus shelters, etc.
- Aluminum tunnel type connector for line side
- Bottom compartment has 2 in., 2½ in., 3 in., 3½ in. KOs and ⅜ in. (load side) studs to accommodate 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	H	Dimensions (in.)			Weight each	
				W	D		lb	kg
HD1	HD1	Underground	23½	8⅝	6⅛		20	9.0



Diagrams



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## 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**

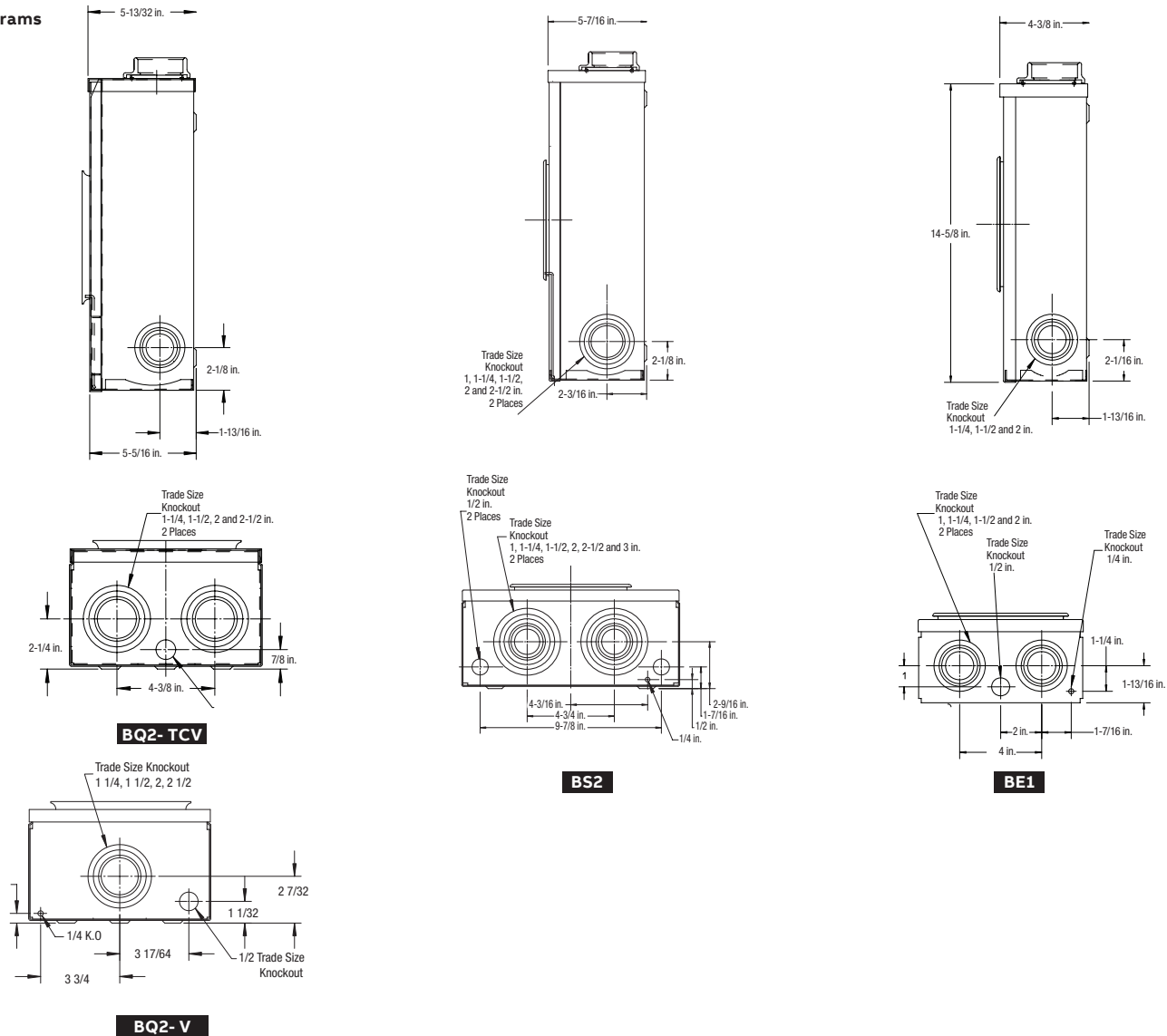
- Designed and manufactured in Canada for the Canadian climate – withstands temperature variations from -40°C to 90°C
- Superior resistance to corrosion in all types of environments – ideally suited for coastal and industrial areas
- Suitable for both overhead and underground installations – reduces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



## Microelectric

Highly corrosion-resistant meter sockets

### Diagrams



### Combination overhead & underground meter sockets with weatherproof type 3RX enclosure



Product description				Dimensions (in.)			Weight
	Factory-installed accessories	Amps/Volts	Conductor range	H	W	D	(lb./ kg)
<b>BE1-TCV-CR</b>	—	100 A 600 V	6-1/0 AWG	14-5/8	8-1/4	4-3/8	8 lb. / 3.6 kg
<b>BE1-TCVGN-CR</b>	Ground on neutral	100 A 600 V	6-1/0 AWG	14-5/8	8-1/4	4-3/8	8 lb. / 3.6 kg
<b>BE1-INTCV-CR</b>	Insulated neutral	100 A 600 V	6-1/0 AWG	14-5/8	8-1/4	4-3/8	8 lb. / 3.6 kg
<b>BQ2-TCV-CR</b>	—	200 A 600 V	6 AWG–250 kcmil	15-5/8	8-47/64	5-13/32	12 lb. / 5.4 kg
<b>BQ2-TCVGN-CR</b>	Ground on neutral	200 A 600 V	6 AWG–250 kcmil	15-5/8	8-47/64	5-13/32	12 lb. / 5.4 kg
<b>BS2-TCVBC-CR</b>	—	200 A 600 V	6 AWG–250 kcmil	17-1/8	12	5-7/16	14 lb. / 6.3 kg
<b>BS2-INTCVBC-CR</b>	Insulated neutral	200 A 600 V	6 AWG–250 kcmil	17-1/8	12	5-7/16	14 lb. / 6.3 kg
<b>BS2-TCVGNBC-CR</b>	Ground on neutral	200 A 600 V	6 AWG–250 kcmil	17-1/8	12	5-7/16	14 lb. / 6.3 kg
<b>BQ2-2V-CR*</b>	Comes with 2 in. hub	200 A 600 V	6 AWG–250 kcmil	15-5/8	8-47/64	5-13/32	12 lb. / 5.4 kg
<b>BQ2-2VGN-CR*</b>	Ground on neutral - Comes with 2 in. hub	200 A 600 V	6 AWG–250 kcmil	15-5/8	8-47/64	5-13/32	12 lb. / 5.4 kg
<b>BQ2-VGN-CR*</b>	Ground on neutral	200 A 600 V	6 AWG–250 kcmil	15-5/8	8-47/64	5-13/32	12 lb. / 5.4 kg

## 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.



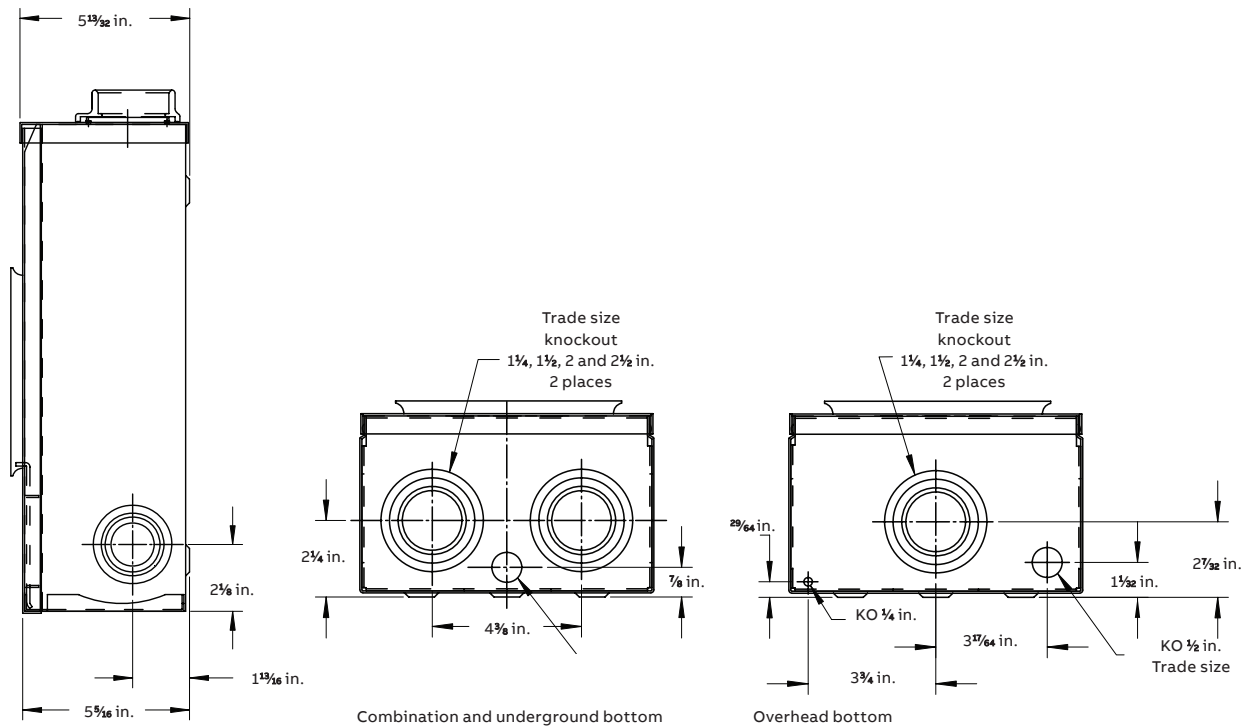
Approved for copper or aluminum

	Cat. no	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	4 Jaw						
	BQ2-V	Overhead, hub opening	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-VGN	Overhead opening comes with ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-VGN-CR	Overhead comes with ground lug on neutral, corrosion resistant	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-1 1/2 V	Overhead, hub opening, comes with 1½ in. hub	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-2V	Overhead, hub opening, comes with 2 in. hub	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-2INV	Overhead, comes with 2 in. hub and insulated neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-2VGN	Overhead , hub opening comes with 1 ½” hub and ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TV	Underground	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-INTV	Underground, comes with insulated neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TVGN	Underground comes with ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TCV	Combination, overhead-underground	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TCV-CR	Combination overhead-underground, corrosion resistant	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TCVGN	Combination overhead-underground comes with ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-TCVGN-CR	Combination overhead-underground comes with ground lug on neutral , corrosion resistant	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-22VNH	Overhead, twin hub opening	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-22INVNH	Overhead, twin hub opening, comes with insulated neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-22VNHGN	Overhead , twin hub opening comes with ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-2VGN-CR	Overhead comes with ground lug on neutral, corrosion resistant	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-22V	Overhead, twin hub opening, comes with 2 in. hubs	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
	BQ2-22VGN	Overhead, twin hub opening comes with 2 in hubs and ground lug on neutral	15 <sup>5</sup> / <sub>8</sub>	8 <sup>47</sup> / <sub>64</sub>	5 <sup>13</sup> / <sub>32</sub>	12	5.4
Factory-installed accessories							
Include: -5							
5 <sup>th</sup> jaw standard capacity							

## BQ2 Series

200 A 600 V; standard enclosure

### Diagrams

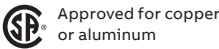


BP2-TV

200 A 600 V; standard enclosure

Product specifications

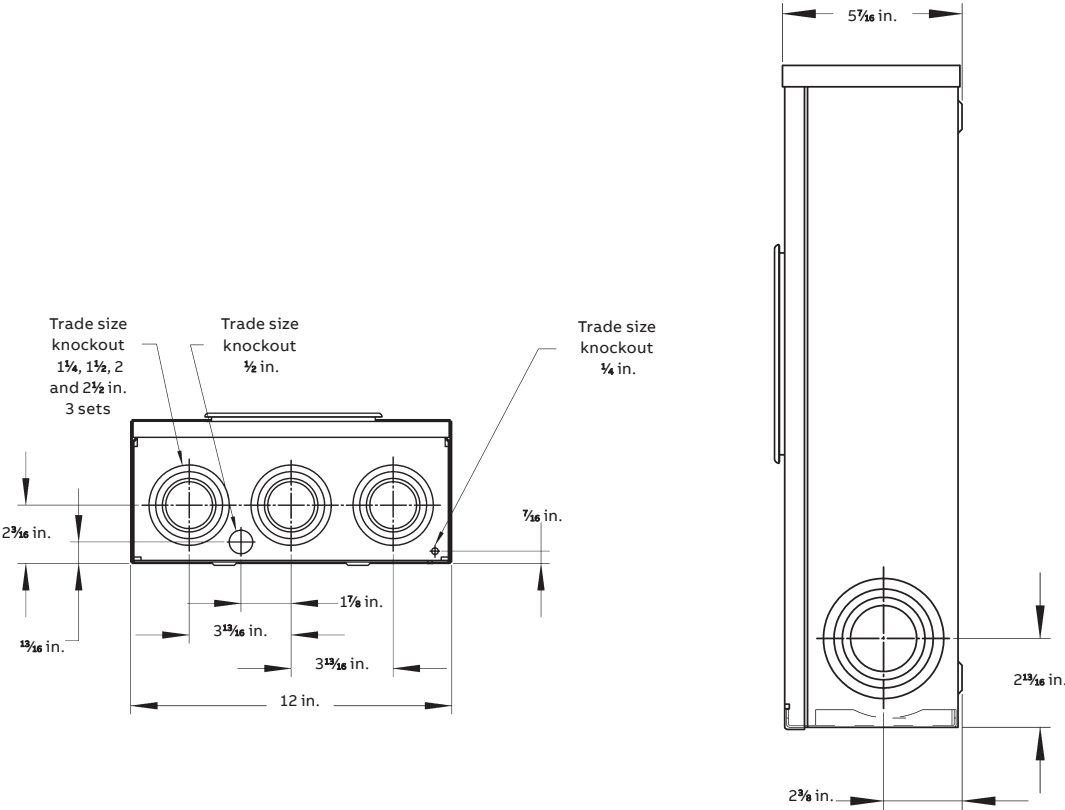
- Conductor range: 6 AWG–250 kcmil
  - Aluminum tunnel type connectors for both load and line sides
- For underground service only
  - Supplied with screw type ring
  - Weatherproof Type 3R enclosure
  - Primarily used in: Ontario



	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
BP2-TV	BP2-TV	Underground	20	12	5 <sup>7</sup> / <sub>16</sub>	16.5	7.48



Diagrams





## BS2 Series

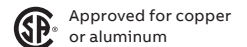
200 A 600 V; oversize enclosure

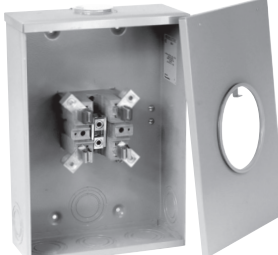
### Product specifications

- 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.

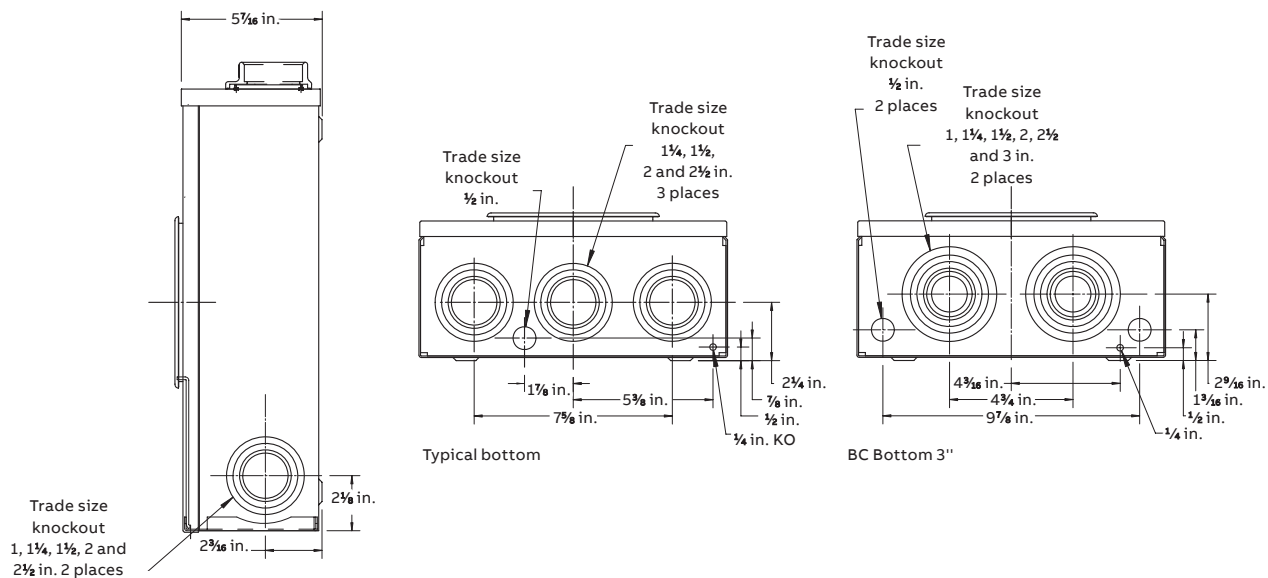


	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	<b>4 Jaw</b>						
	BS2-V	Overhead, hub opening	17 $\frac{1}{8}$	12	5 $\frac{1}{16}$	14	6.3
	BS2-INV	Overhead , hub opening comes with insulated neutral	17 $\frac{1}{8}$	12	5 $\frac{1}{16}$	14	6.3
	BS2-1 1/2 V	Overhead, hub opening, comes with 1 $\frac{1}{2}$ in. hub	17 $\frac{1}{8}$	12	5 $\frac{1}{16}$	14	6.3
	BS2-1 1/2INV	Overhead, comes with 1 $\frac{1}{2}$ in. hub and insulated neutral	17 $\frac{1}{8}$	12	5 $\frac{1}{16}$	14	6.3
	BS2-1 1/2VGN	Overhead, comes with 1 $\frac{1}{2}$ in. hub and ground lug on neutral	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
	BS2-2VGN	Overhead, comes with 2 in. hub and ground lug on neutral	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
	<b>Factory-installed accessories</b>						
	Include: -5 5 <sup>th</sup> jaw, standard capacity, 9 o'clock position						

## BS2 Series

200 A 600 V; oversize enclosure

### Diagrams



BS2-TCVFA

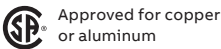
200 A, 120/240; single-phase service


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

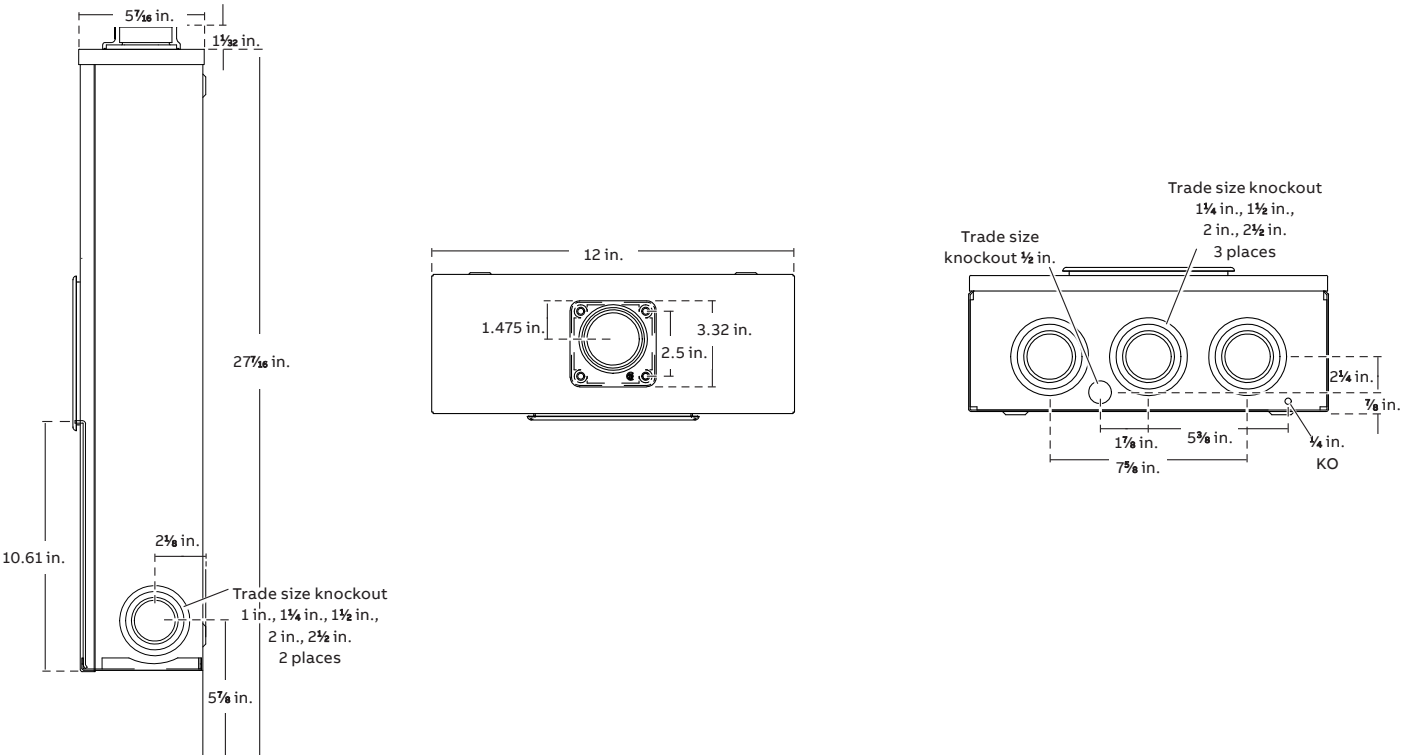
- Designed and manufactured in Canada
- Primarily used in: All provinces  
Manitoba Hydro approved for overhead only

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



	Cat. no.	Description	Dimensions (in.)			Weight Each	
			H	W	D	lb	kg
	BS2-TCVGNFA	4 Jaw					
	BS2-TCVGNFA	Combination overhead-underground, comes with ground lug on neutral	27 <sup>7</sup> / <sub>16</sub>	12	5 <sup>7</sup> / <sub>16</sub>	14	6.3

Diagrams

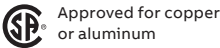



BS2L Series

200 A 600 V; oversize enclosure lay-in lug

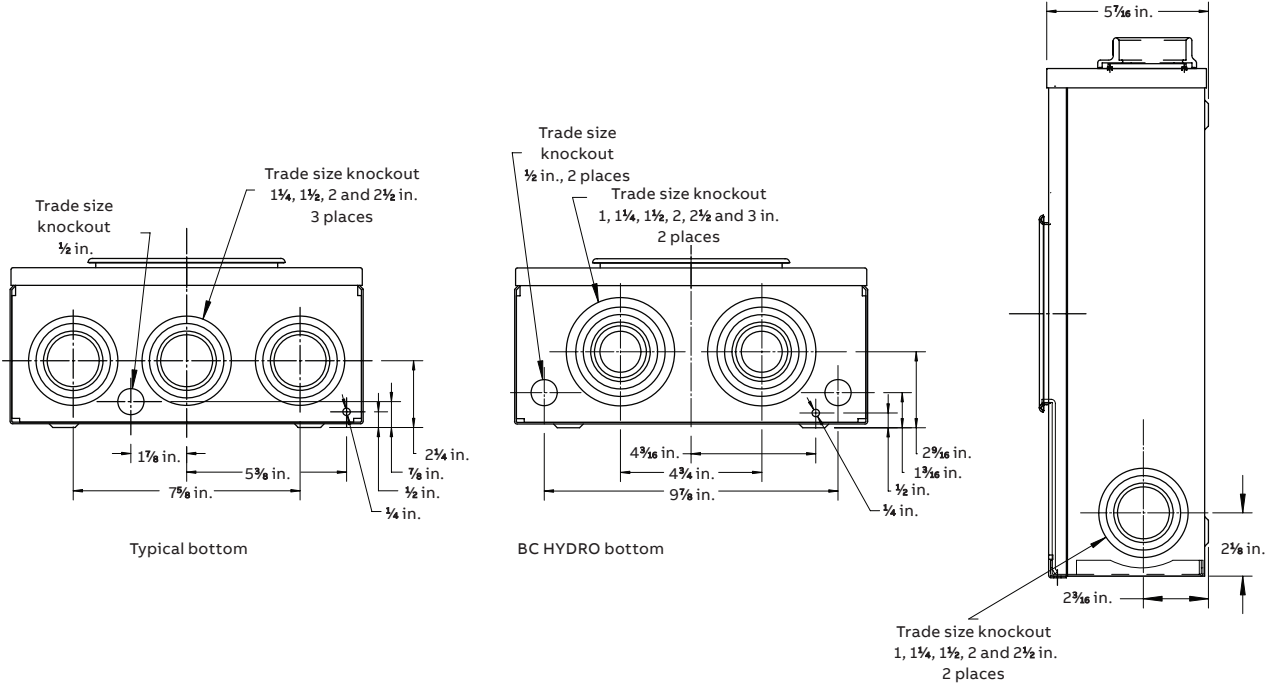
Product specifications

- 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
	<b>4 Jaw</b>						
	BS2L-TV	200 A underground with lay-in lugs	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
	BS2L-INTV	200 A underground with lay in lug, insulated neutral	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
	BS2L-TCV	200 A over/under combination with lay-in lugs	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
	BS2L-INTCV	200 A overhead-underground with lay in lugs, isolated neutral	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
	BS2L-TCVGN	200 A underground-overhead with lay in lugs comes with ground lug on neutral	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
	BS2L-TCVBCR	200 A over/under combination with lay-in lugs (BC Hydro)	17 <sup>1</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	16	7.2
<b>Factory-installed accessories</b>							
Include: -5			5 <sup>th</sup> jaw standard capacity				

Diagrams

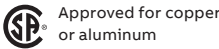



BS2M Series

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

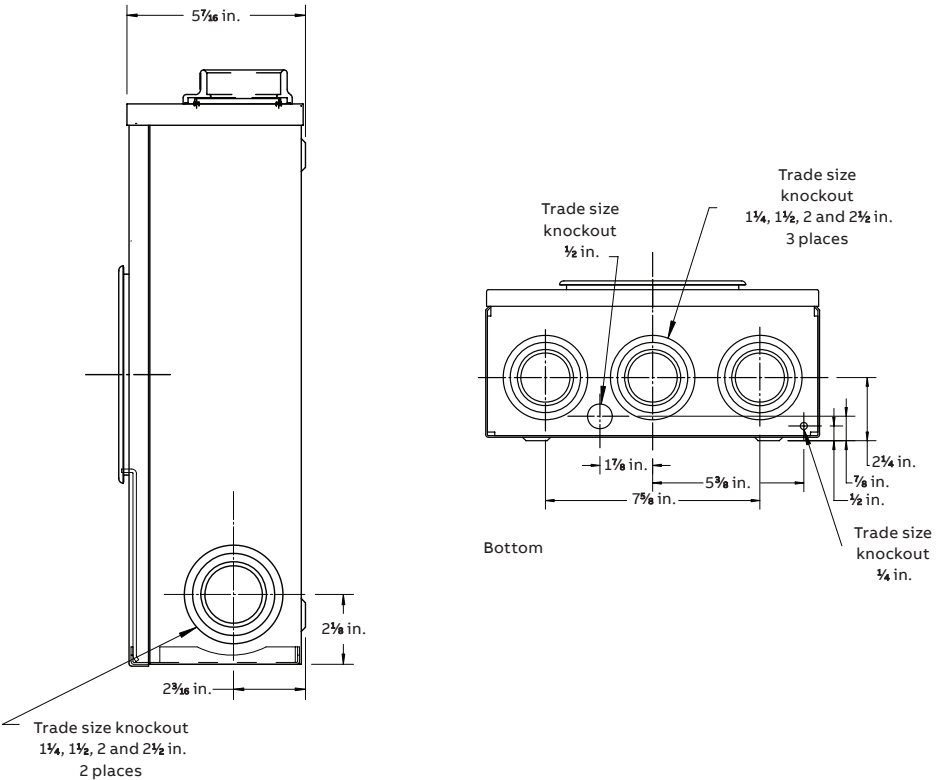
Product specifications

- 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-VGN	BS2M-VGN	Overhead, comes with ground lug on neutral	17 <sup>3⁄8</sup>	12	5 <sup>7⁄16</sup>	15	6.8

Diagrams

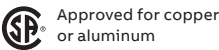



MO2 Series

200 A 600 V; underground only

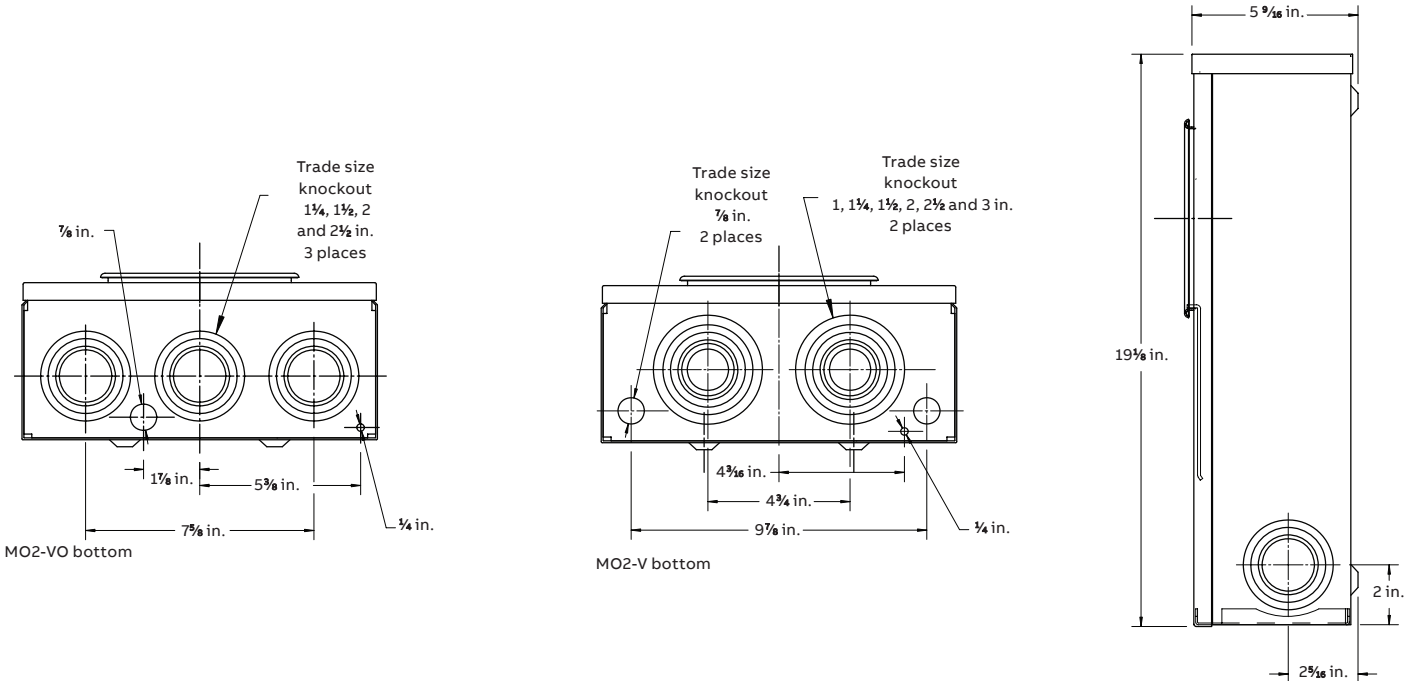
Product specifications

- 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
	<b>4 Jaw</b>						
	MO2-V	Underground ½ in. studs	19⅞	12	5⅞ <sup>16</sup>	18	8.1
	MO2-INV	Underground ½ in. stud comes with isolated neutral	19⅞	12	5⅞ <sup>16</sup>	18	8.1
	MO2-VO	Underground ½ in. studs for Ontario	19⅞	12	5⅞ <sup>16</sup>	18	8.1
	MO2-INV0	Underground ½ in. stud for ontario comes with isolated neutral	19⅞	12	5⅞ <sup>16</sup>	18	8.1
<b>Factory-installed accessories</b>							
Include: -M			2/0 AWG subfeed on load side				

Diagrams

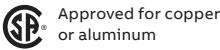


MO2 Series kit

200 A 600 V; underground only with PVC accessories

Product specifications

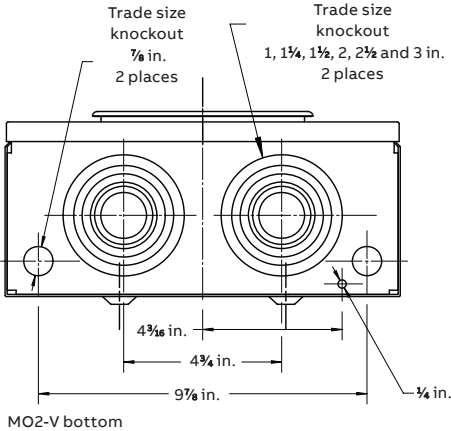
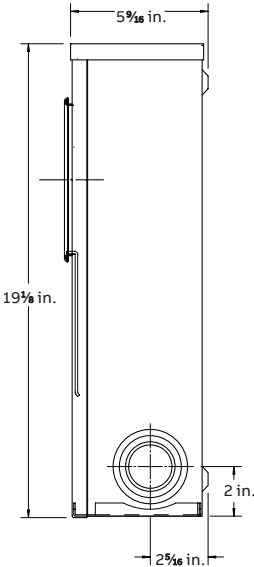
- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
  - For underground service only
- Aluminum tunnel type connectors for load side, ½ in. studs on line side
  - Supplied with screw type ring
  - Weatherproof Type 3R enclosure
  -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



MO2-V-KIT1-1/4U

Cat. no.	Description	Qty.
<b>Kit</b>		
MO2-V-KIT2U	Meter socket with PVC accessories	
<b>Consists of</b>		
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

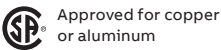


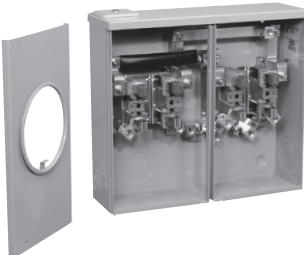
BD2 Series

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

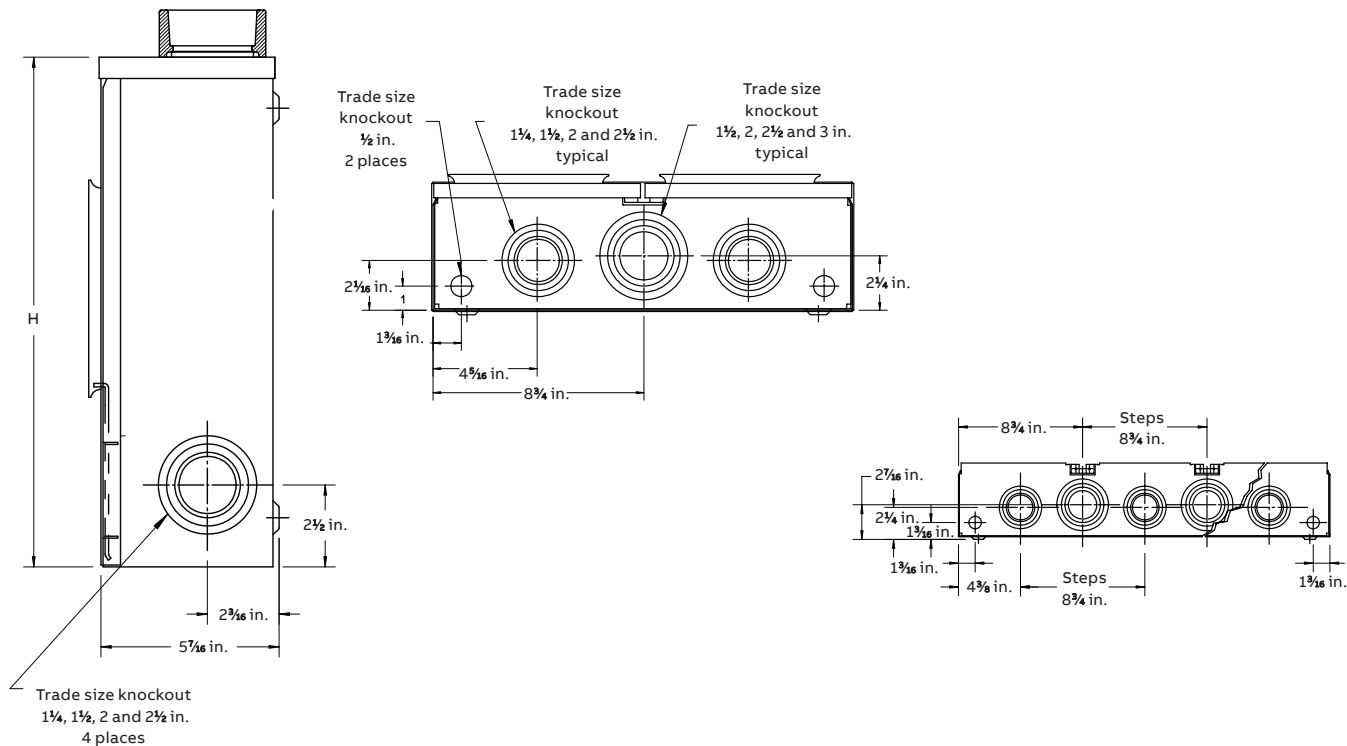
Product specifications

- 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



			Dimensions (in.)			Weight each		
	Cat. no.	Meter position	H	W	D	lb	kg	
<div>BD2-V</div> 	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.



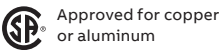
BDA2-V Series

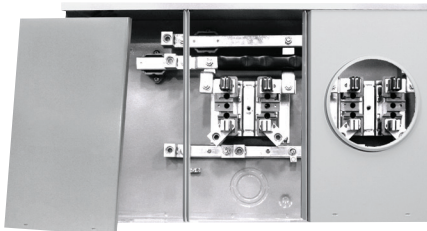
200 A (main lugs) 600 V; multiple position with blank compartment 200 A per position

Product specifications

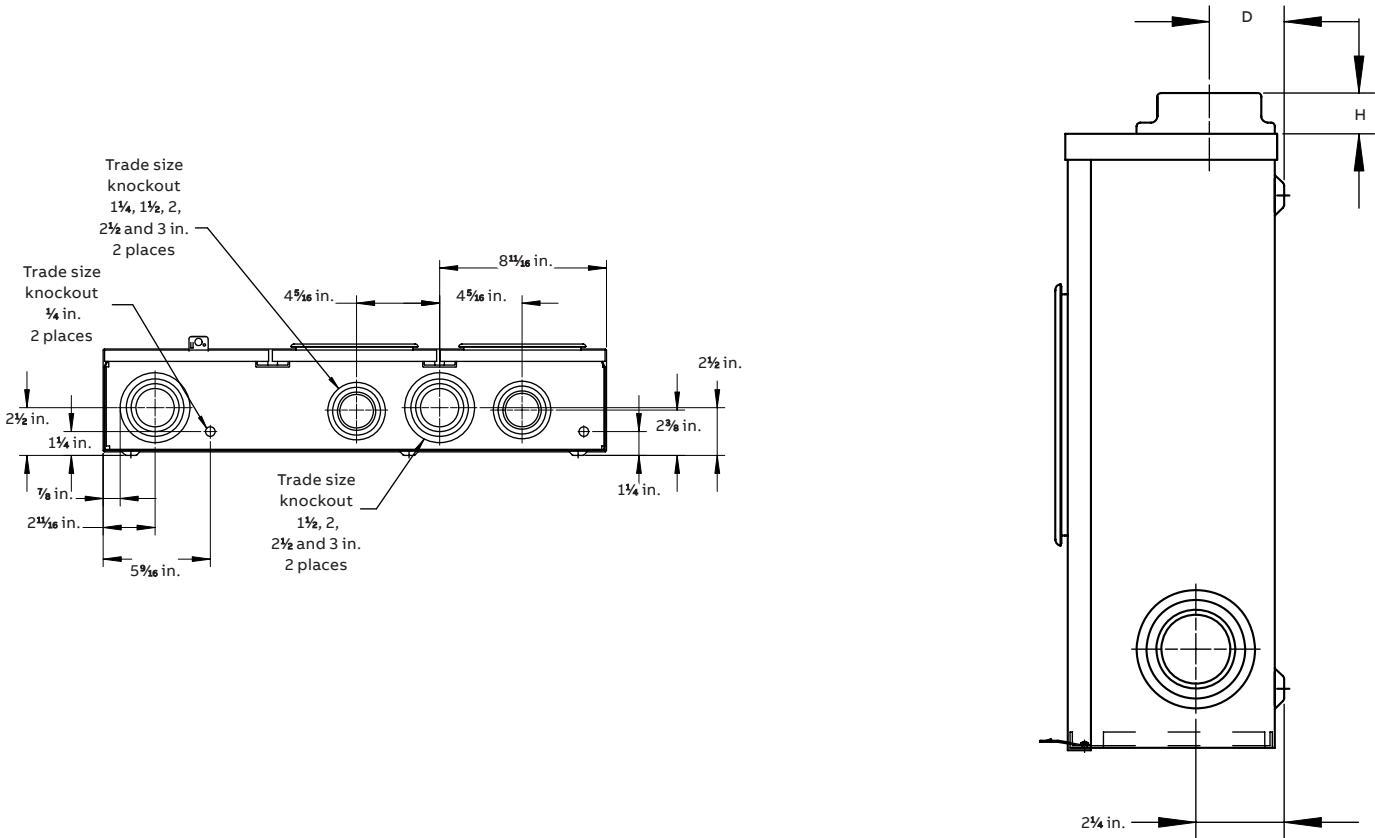
- Conductor range: line: 6 AWG–250 kcmil, load: 6 AWG–250 kcmil
  - Aluminum tunnel type connectors for load side
  - Combination overhead and underground
  - Hub opening closure plate for underground
- service

  - 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 <sup>5</sup> / <sub>8</sub>	26 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>	31	14.6

Diagrams



## BDC Series

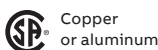
200 A (main lugs) 600 V; stud type multiple position with blank compartment

200 A per position



BDC2-VIL

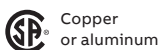
**For use in all provinces**



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

Locking system outside meter section.

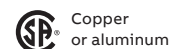
**For use in British Columbia**



Cat. no.			Dimensions (in.)			Weight each	
Left-hand entry	Right-hand entry	Meter position	H	W	D	lb	kg
<b>4 Jaw</b>							
BDC2-VAILBC	BDC2-VAHILBC	2 position	20¼	26¼	5¼	30	13.6
BDC3-VAILBC	BDC3-VAHILBC	3 position	20¼	35	5¼	42	13.6
BDC4-VAILBC	BDC4-VAHILBC	4 position	20¼	43¼	5¼	54	19.0

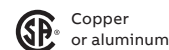
Locking system inside meter section, comes with tunnel type connector on line side.

**For use in Quebec**



Cat. no.		Meter position	Dimensions (in.)			Weight each	
Left-hand entry	Right-hand entry		H	W	D	lb	kg
<b>4 Jaw</b>							
BDC2-VIL	BDC2-VHIL	2 position	15¾	26¾	5¼	30	13.6
BDC3-VIL	BDC3-VHIL	3 position	15¾	35	5¼	42	19.0
BDC4-VIL	BDC4-VHIL	4 position	15¾	43¾	5¼	54	24.5

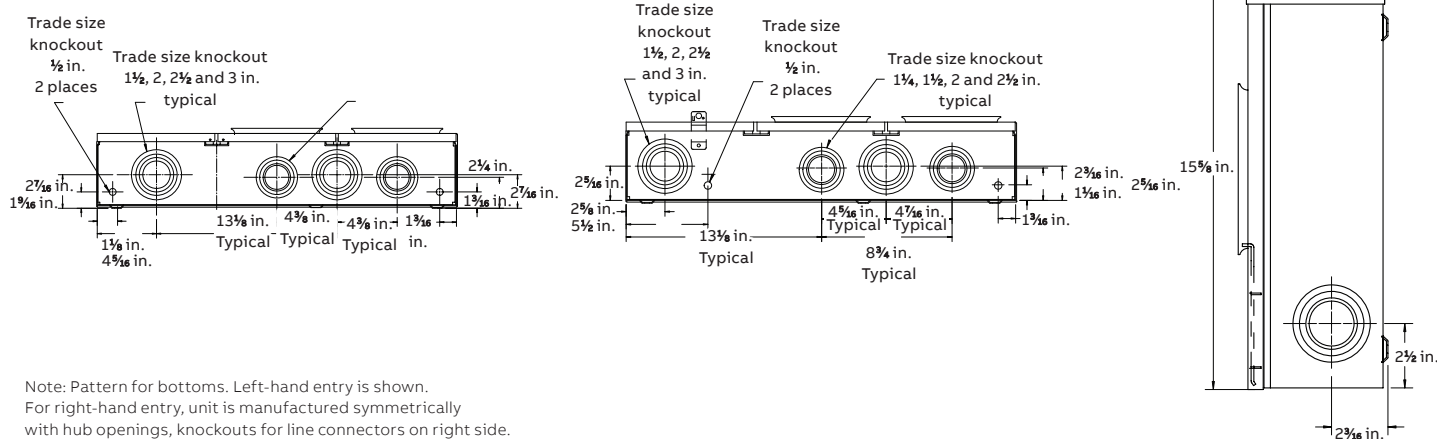
Locking system inside meter section.

**For use in Ontario**

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

Locking system outside meter section.

## Diagrams



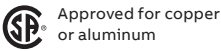
Note: Pattern for bottoms. Left-hand entry is shown.  
For right-hand entry, unit is manufactured symmetrically  
with hub openings, knockouts for line connectors on right side.

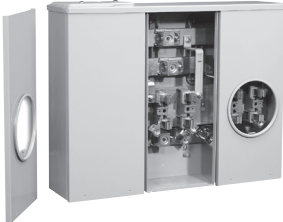
BS4 Series

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

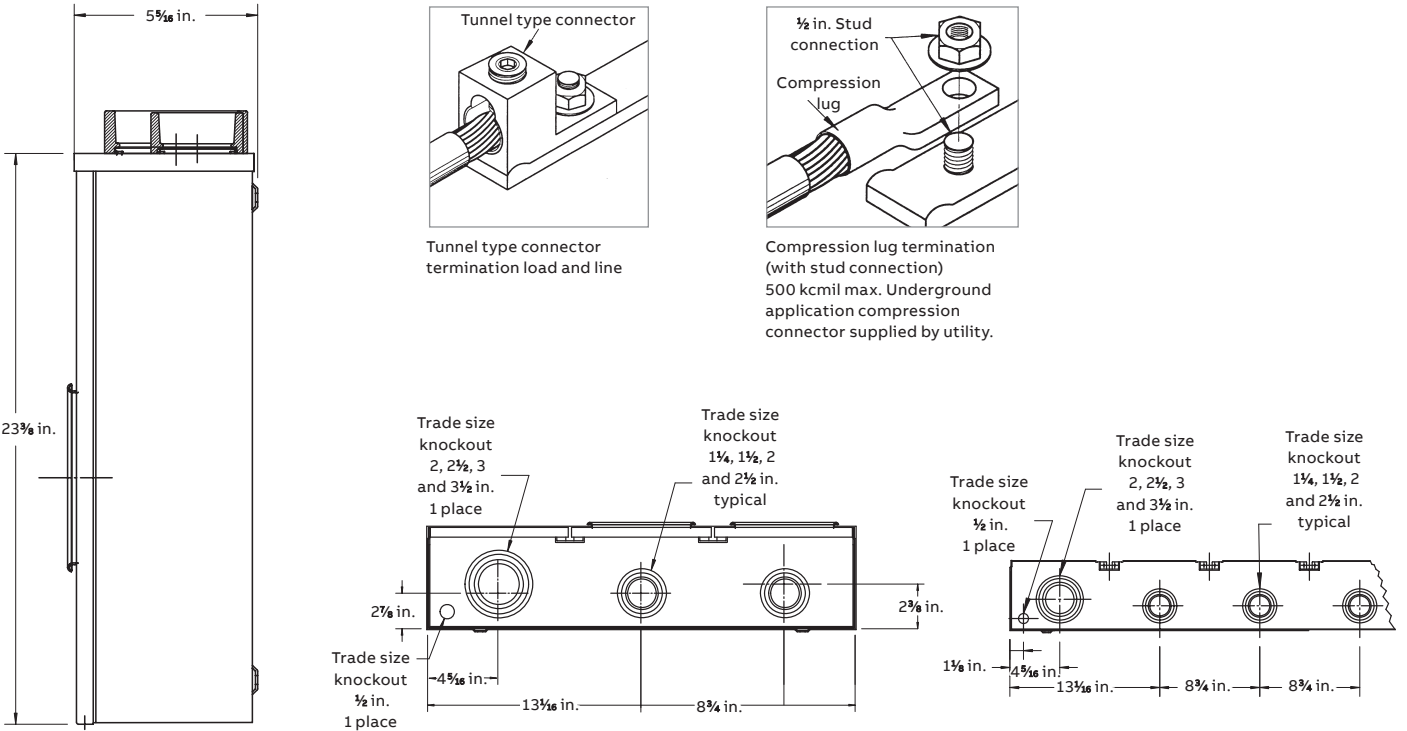
Product specifications

- 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	23⅞	26¼	5⅝	45	20.4
	BS43-V	BS43-VH	3 position	23⅞	35	5⅝	59	26.8
	BS44-V	BS44-VH	4 position	23⅞	43¼	5⅝	73	33.1
	BS45-V	BS45-VH	5 position	23⅞	52½	5⅝	87	39.5
	BS46-V	BS46-VH	6 position	23⅞	61¼	5⅝	101	45.9

Diagrams



BSC4-G Series

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

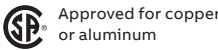


BSC42-VGA

Product specifications

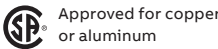
- Conductor range: line: single ½ in. studs to accommodate compression lugs (supplied by utility), load: 6 AWG–250 kcmil
- Aluminum tunnel type connectors for load side
- For underground service only
- Twin wiring compartment, increased length of the busbars and double ½ in. studs to accommodate compression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

For use in Ontario



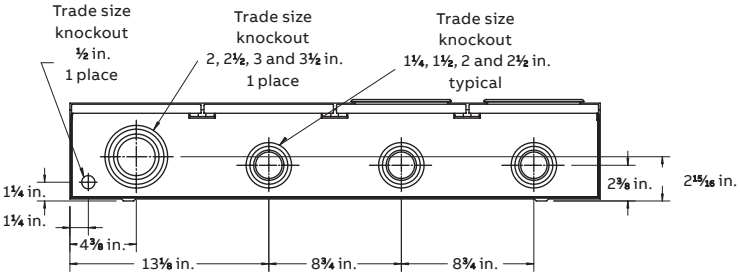
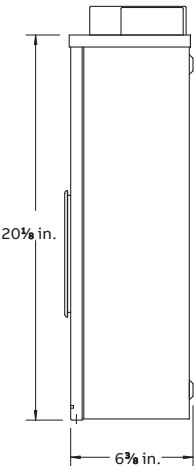
Cat. no.		Dimensions (in.)			Weight each	
Left-hand entry	Meter position	H	W	D	lb	kg
BSC42-VG	2 position	23⅞	35	5⅝	58	26.3
BSC43-VG	3 position	23⅞	43¾	5⅝	72	32.7
BSC44-VG	4 position	23⅞	52½	5⅝	86	39.0
BSC45-VG	5 position	23⅞	61¼	5⅝	100	45.4
BSC46-VG	6 position	23⅞	70	5⅝	114	51.8

For use in British Columbia



Cat. no.		Dimensions (in.)			Weight each	
Left-hand entry	Right-hand entry	Meter position	H	W	D	kg
BSC42-VGA	BSC42-VGAH	2 position	23⅞	35	5⅝	26.3
BSC43-VGA	BSC43-VGAH	3 position	23⅞	43¾	5⅝	32.7
BSC44-VGA	BSC44-VGAH	4 position	23⅞	52½	5⅝	39.0
BSC45-VGA	BSC45-VGAH	5 position	23⅞	61¼	5⅝	45.4
BSC46-VGA	BSC46-VGAH	6 position	23⅞	70	5⅝	51.8

Diagrams

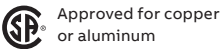



PL27 Series

200 A 600 V; polyphase

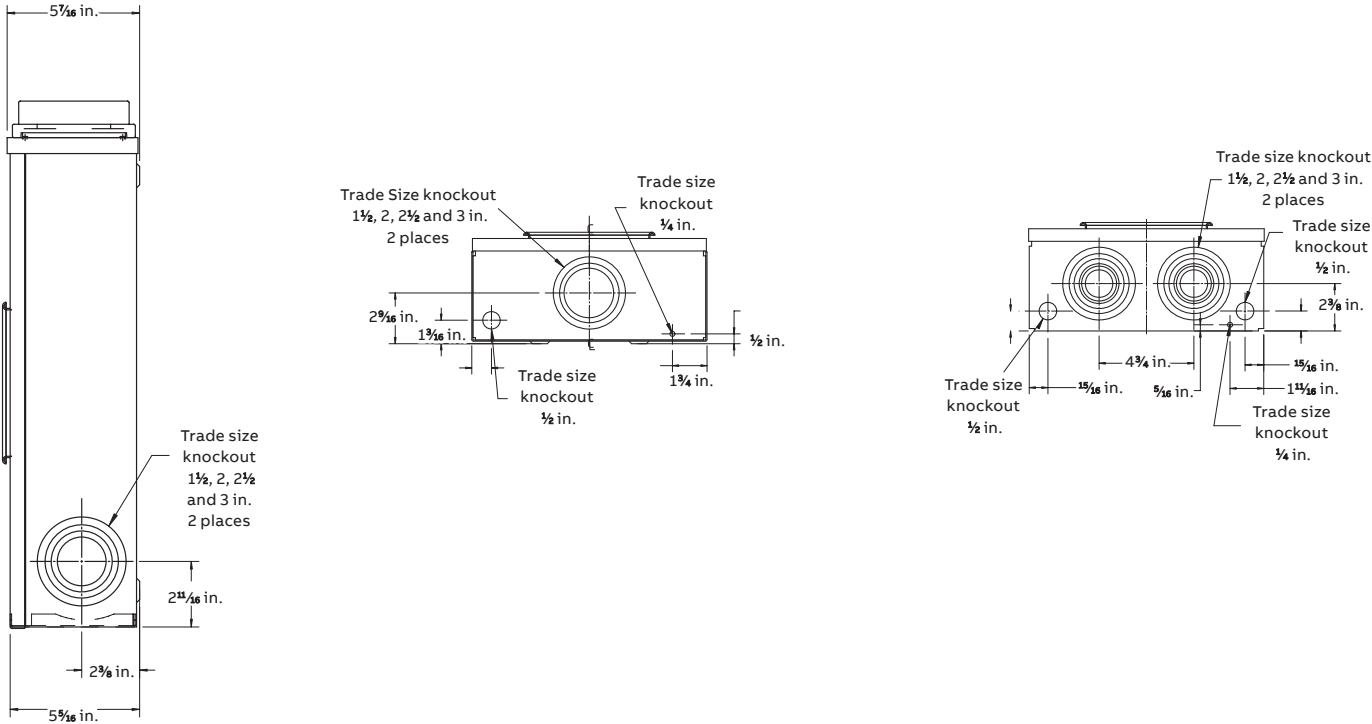
Product specifications

- Conductor range: 6 AWG–250 kcmil
  - Tunnel type connector for both load and line sides
  - For overhead and combination overhead/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 ring
  - Weatherproof Type 3R enclosure
  - Primarily used in: All provinces



	Cat. no.	Description	Dimensions (in.)			Weight each	
			H	W	D	lb	kg
	7 Jaw						
	PL27-V	Overhead hub opening	20⅞	12	5⅞	18	8.1
	PL27-TCV	Combination overhead-underground	20⅞	12	5⅞	18	8.1
	PL27-IN-V	Overhead hub opening, insulated neutral	20⅞	12	5⅞	18	8.1
	PL27-IN-TCV	Combination overhead-underground, insulated neutral	20⅞	12	5⅞	18	8.1

Diagrams





## CO2 Series

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

### Product specifications

- Conductor range (line and load): 6 AWG- 250KCMIL
- 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

 Approved for copper or aluminum

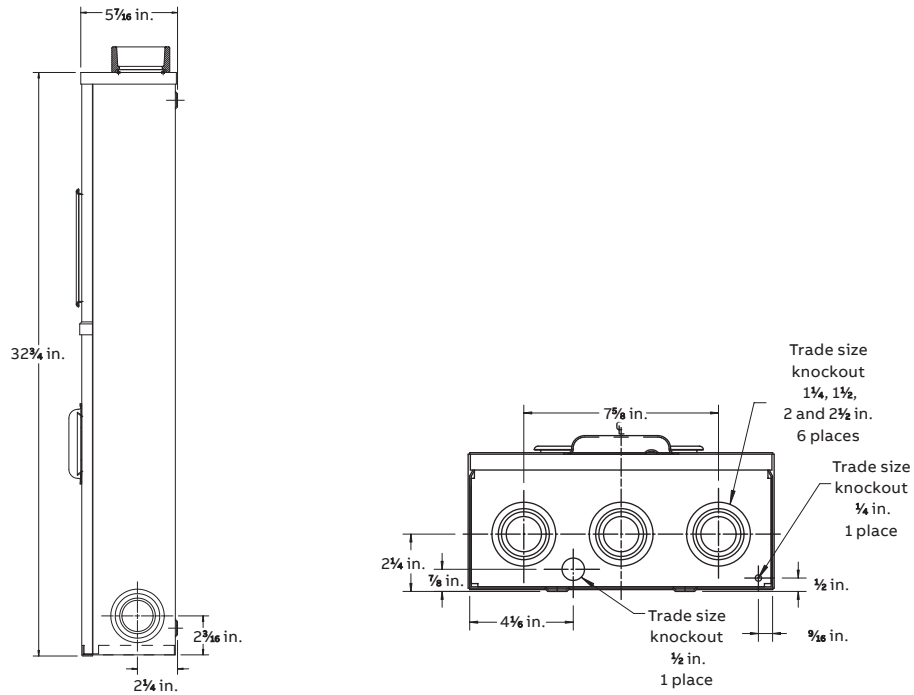
	Cat. no.	Type	Description	Dimensions (in.)			Weight each	
				H	W	D	lb	kg
	4 Jaw							
	CO2-200	Overhead	Provision for 1 X 2 pole 10 kA rated circuit breaker	32¾	11⅜	5⅞	28	12.7
	CO2-100G	Underground	Comes complete with ABB type A2A 2 pole 100 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	30	13.6
	CO2-125	Overhead	Comes complete with ABB type A2A 2 pole 125 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	30	13.6
	CO2-125G	Underground	Comes complete with ABB type A2A 2 pole 125 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	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	32¾	11⅜	5⅞	30	13.6
	CO2-125HI	Overhead	Comes complete with ABB type A2N 2 pole 125 A 22 kA rated circuit breaker	32¾	11⅜	5⅞	30	13.6
	CO2-150	Overhead	Comes complete with ABB type A2A 2 pole 150 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	30	13.6
	CO2-150G	Underground	Comes complete with ABB type A2A 2 pole 150 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	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	32¾	11⅜	5⅞	30	13.6
	CO2-150HI	Overhead	Comes complete with ABB type A2N 2 pole 150 A 22 kA rated circuit breaker	32¾	11⅜	5⅞	30	13.6
	CO2-200	Overhead	Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker	32¾	11⅜	5⅞	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	32¾	11⅜	5⅞	30	13.6
	CO2-200HI	Overhead	Comes complete with ABB type A2N 2 pole 200 A 22 kA rated circuit breaker	32¾	11⅜	5⅞	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	32¾	11⅜	5⅞	30	13.6
	CO2-200G	Underground	Comes complete with ABB type A2A 2 pole 200 A 10 kA rated circuit breaker, complete with gutter	32¾	11⅜	5⅞	32.6	14.6
	CO2-G	Underground	Provision for 2 pole 200 A 10 kA rated circuit breaker, complete with gutter	32¾	11⅜	5⅞	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.	32¾	11⅜	5⅞	28	12.7
CO2-GMB	Underground	Provision for 2 pole 200 A 10 kA rated circuit breaker, complete with gutter & hanging bracket kit	32¾	11⅜	5⅞	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.

## CO2 Series

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

### Diagrams

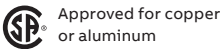



CO2M Series

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 verhead/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
	4 Jaw							
	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 <sup>3</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	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 <sup>3</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	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 <sup>3</sup> / <sub>8</sub>	12	5 <sup>7</sup> / <sub>16</sub>	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 <sup>5</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>8</sub>	5 <sup>27</sup> / <sub>64</sub>	59	26.8



## CO2M Series

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



Cat. no. CO2FB-KIT

## Diagrams

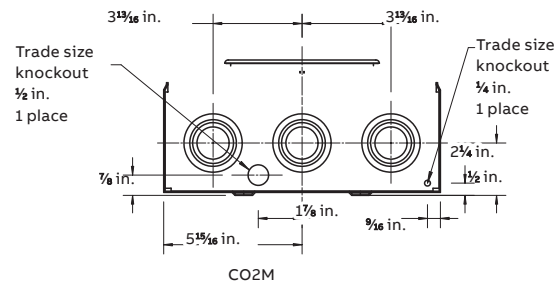
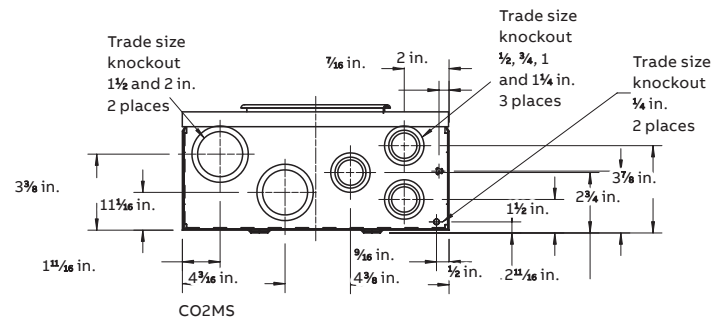
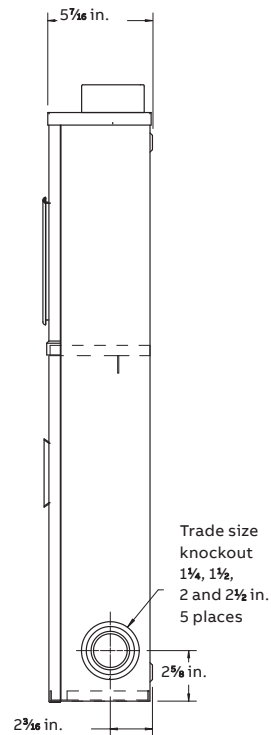


Diagram as reference only. Please contact your regional inside sales representative for other catalogue numbers and drawings pertaining to this series.

## 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



Approved for copper or aluminum



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	26¾	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

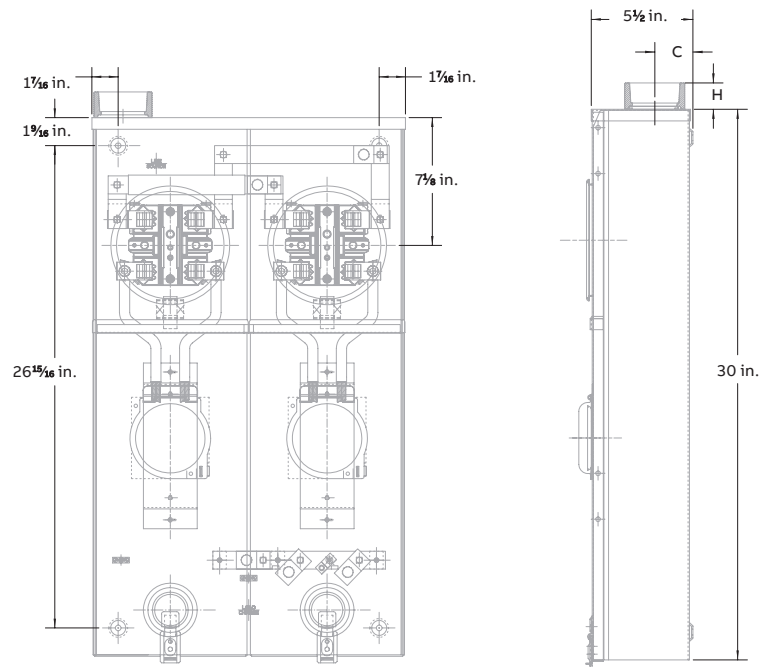
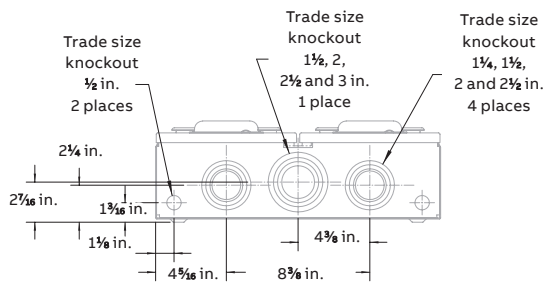
Note: Ex. CO22-XXX, suffix (XXX) can be replaced by any of the following breaker amperage options: 100, 125 or 150.



## CO22 Series

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

### Diagrams

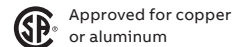



## CO22-U Series

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 D61
- Weatherproof Type 3R enclosure
- Primarily used in: All provinces



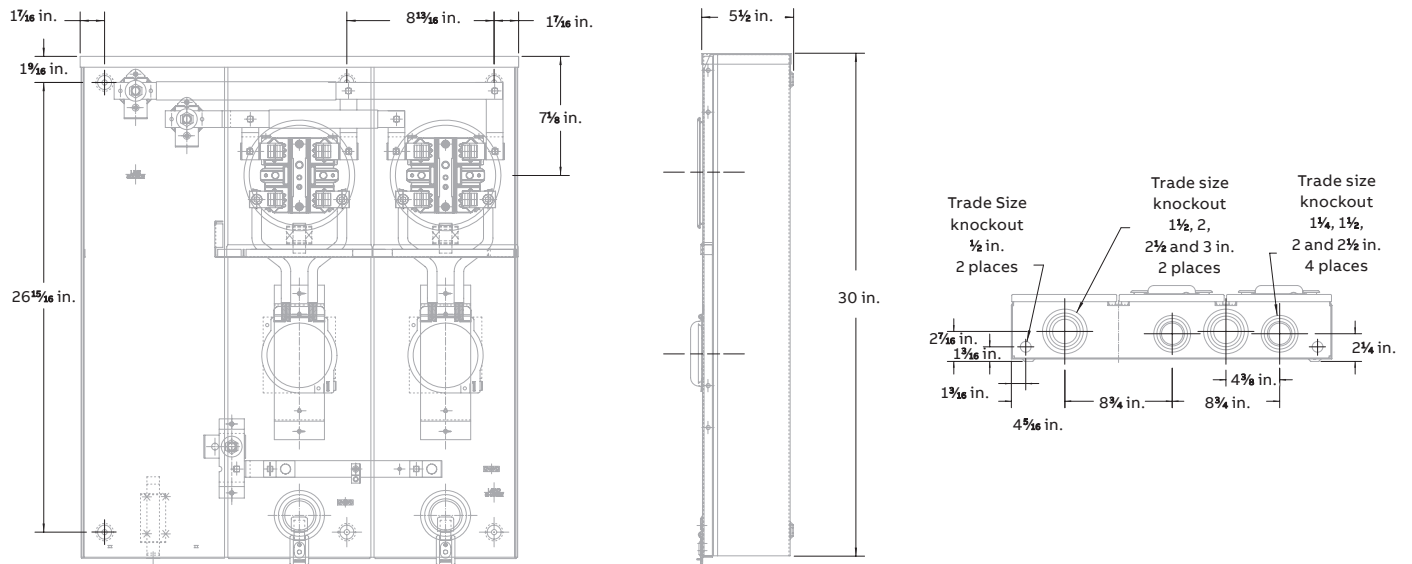
	Cat. no.	Type	Description	Position	Dimensions (in.)			Weight each	
					H	W	D	lb	kg
	Left-hand entry								
	CO22-U	Underground only	2 Gang with blank compartment, Provision for 2 X 2 pole 10 kA rated circuit breaker	2	30	26¼	5½	60	27.21
	CO22-200-U	Underground only	2 Gang with blank compartment, Comes 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



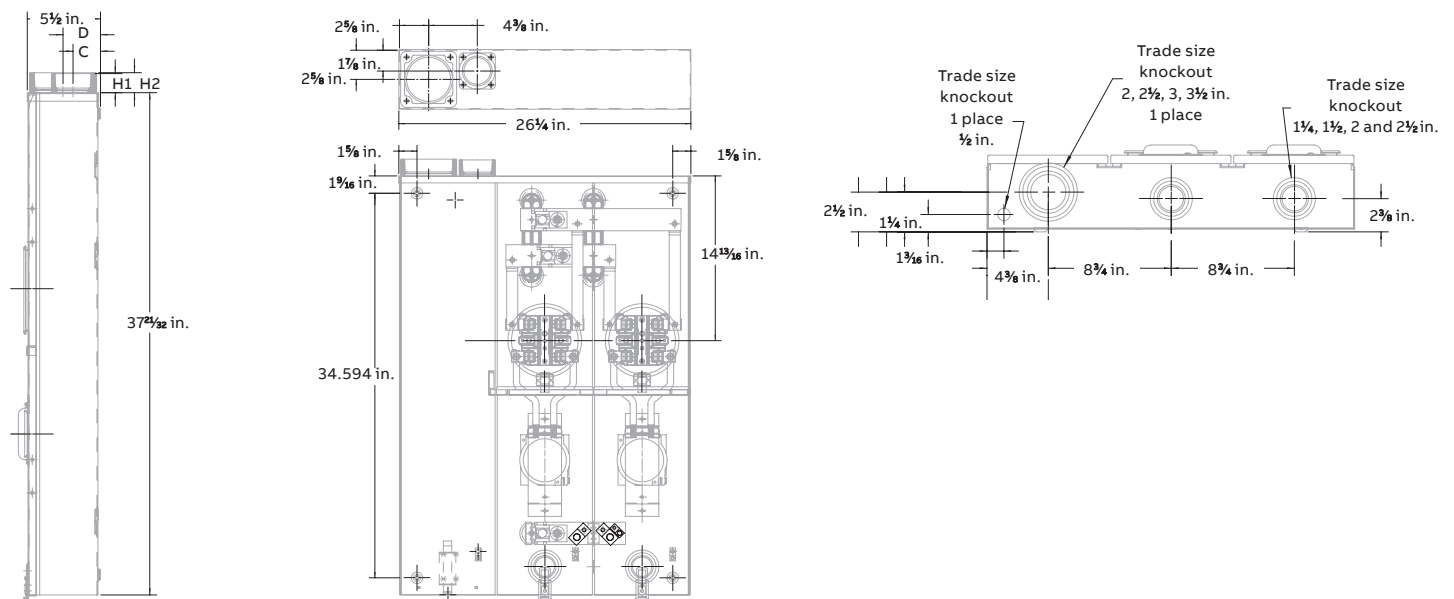
	Cat. no.	Type	Description	Position	Dimensions (in.)			Weight Each	
					H	W	D	lb	kg
	Left-hand entry								
	CO42	Combination overhead/underground	2 Gang with blank compartment, Provision for 2 X 2 pole 10 kA rated circuit breaker	2	37½	26¼	5½	75	39
	CO42-200	Combination overhead/underground	2 Gang 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

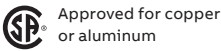


CO27 Series


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



C027B



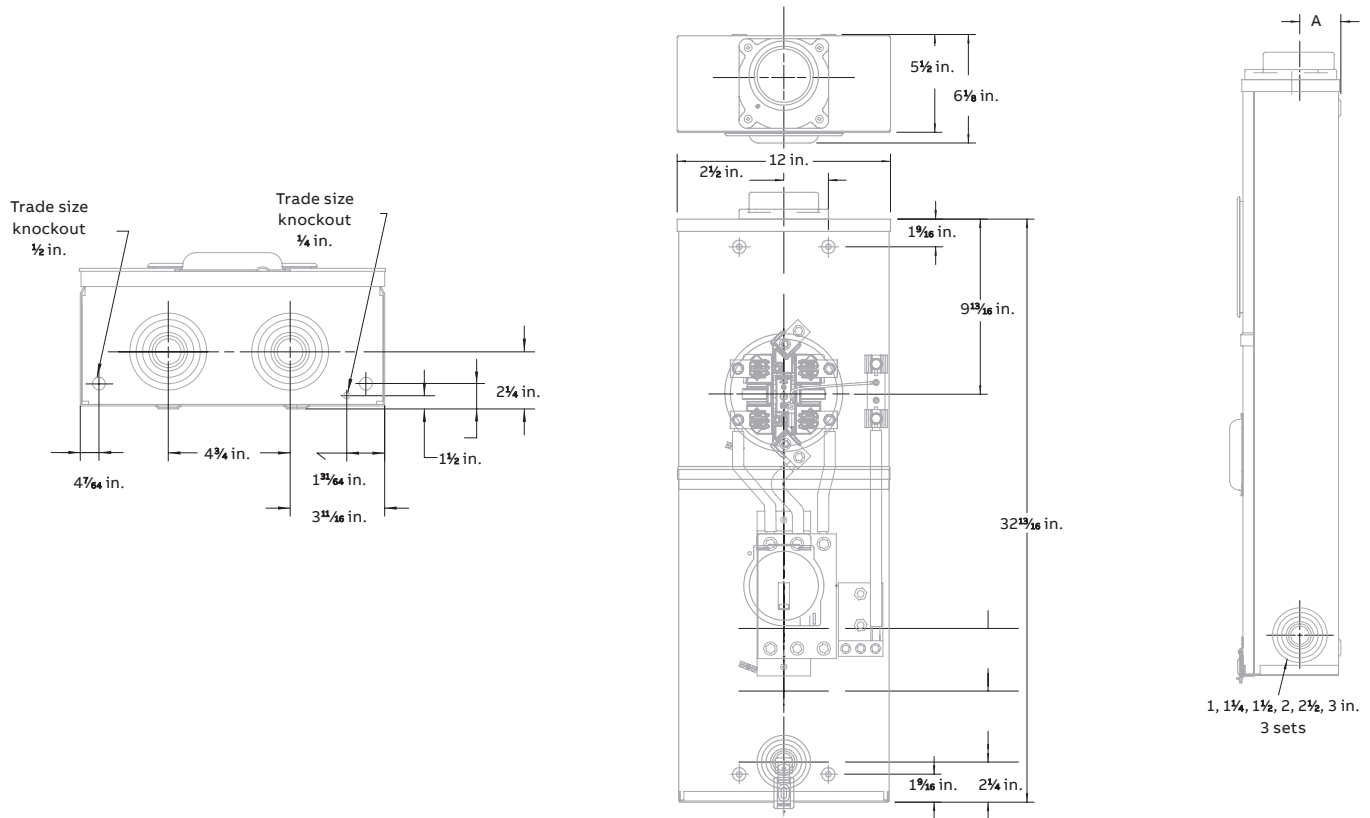
Cat. no.	Type	Description	Dimensions (in.)			Weight each		
			H	W	D	lb	kg	
Left-hand entry, comes with breaker								
CO27B-100	Overhead	Comes with Siemens QR 100 A 3 pole 10 kA rated circuit breaker	32¾	11 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	30	13.6	
CO27B-150	Overhead	Comes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



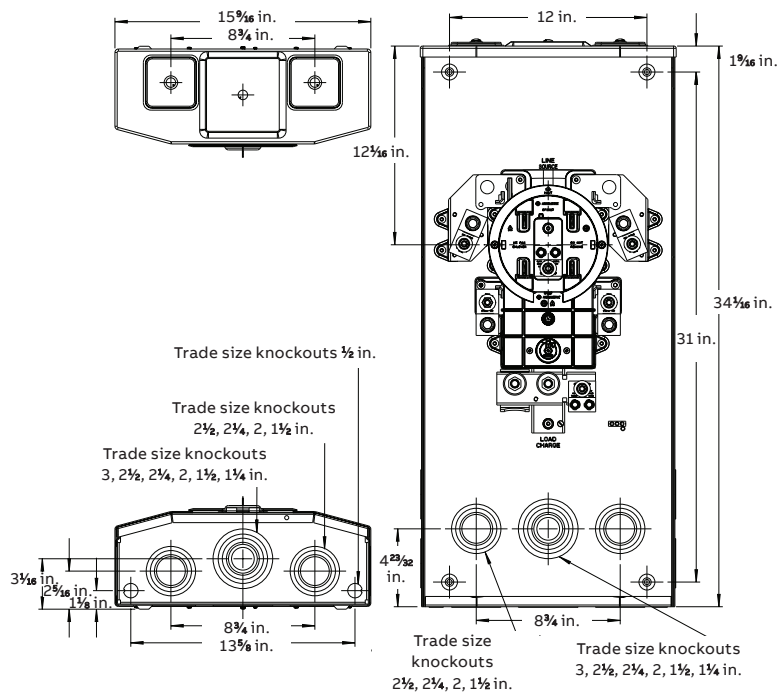
Approved for copper or aluminum

	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 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	47	21.31
	BP320-V-250	Overhead	320 AMP 120/240 with bypass mechanism with 2 x 250 kcmil lugs	Grey	1	34 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	47	21.31
	BP320-V-250B	Overhead	320 AMP 120/240 with bypass mechanism with 2 x 250 kcmil lugs, for British Columbia	Grey	1	34 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	47	21.31
	BP320-TV	Underground	Underground 320 A 120/240 V with bypass mechanism	Grey	1	34 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	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 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	47	21.31
	BP320-TV-250B	Underground	320 AMP 120/240 with bypass mechanism with 2 x 250 kcmil lugs, for British Columbia	Grey	1	34 <sup>1</sup> / <sub>16</sub>	15 <sup>9</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	47	21.31
<b>Accessory</b>										
	BP250								Connector kit 2 x 250 kcmil	
	BP500								Connector kit single lug	

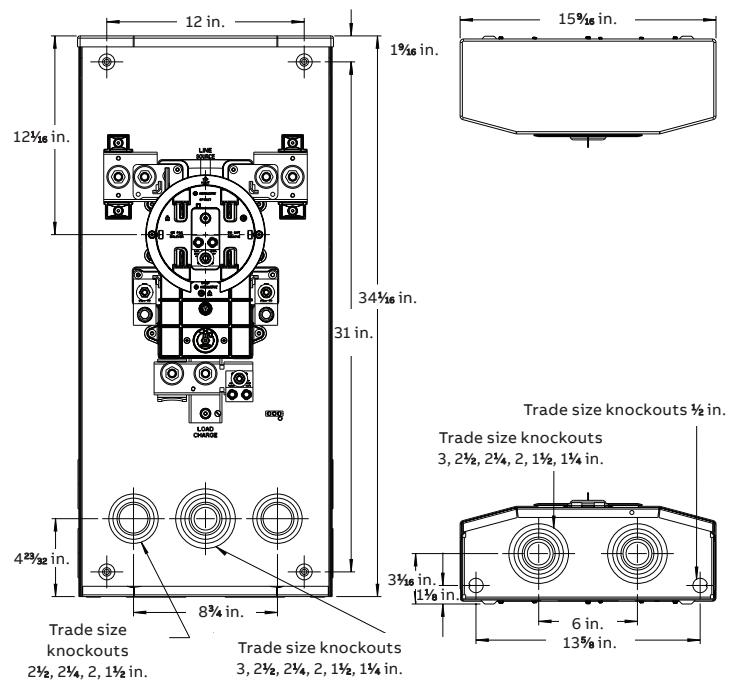
## BP320 Series

320 A 600 V self-contained meter socket

### Diagrams



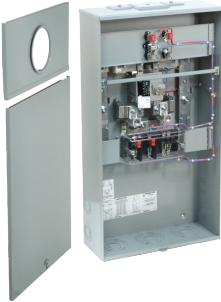
Overhead



Underground

JS4 Series

400 A 120/240 V; single-phase service



JS4B



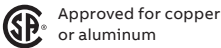
KIT-400MH  
(see page D71)

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

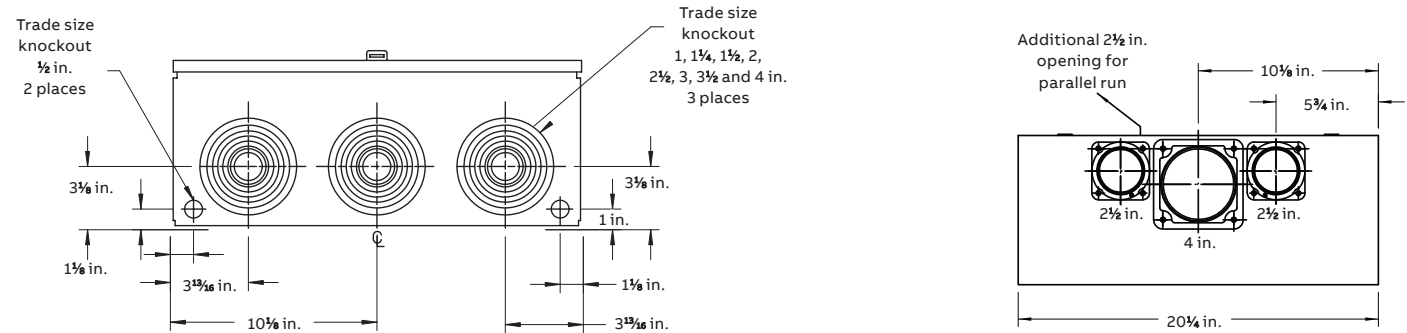
- Twin covers allow access to either compartment (single cover available on request)
- Hub opening closure plate for underground service (All units can be converted to overhead service with addition of conduit hub and JS250 or JS500 tunnel type connector kit)
- Hinged bridges and readily removable crossbar with keyholes permit easy wiring without obstructions
- Heavy gauge galvanized steel with oven-cured grey enamel finish
- For aluminum JS4, see page D49 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



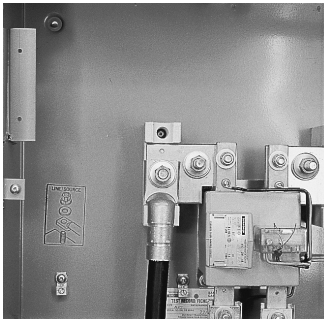
Newfoundland	JS4B-4ST, JS4B-NL, JS4B-EALNL	Saskatchewan	None approved	Northern Ontario	None approved
Quebec	None approved	Alberta	JS4B-4T	Cornwall Hydro	None approved
Nova Scotia	JS4B-STNS, JS4B STNSEAL	British Columbia	JS4B-STWINL	Ottawa Hydro	None approved
New Brunswick	JS4B (EAL)	Hydro Ontario	JS4B-4 JS4B-ST	Toronto Hydro	None approved
Manitoba	JS4B-TWLMH, JS4B TWLEALMH	Hydro-One	JS4B-TLH0		

Diagrams

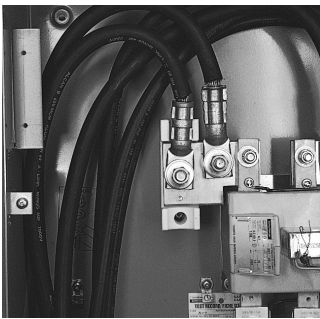


# JS4 Series

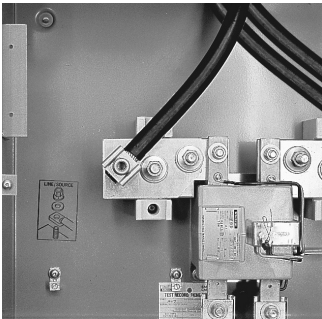
400 A 120/240 V; Single-phase service



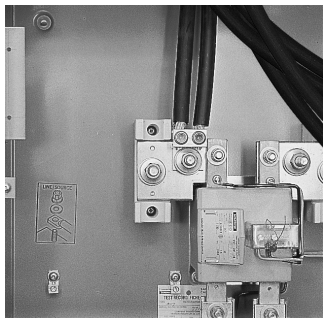
1 x 500 kcmil  
  
Underground service




2 x 250 kcmil



1 x 500 kcmil  
with kit no. JS500  
  
Overhead service



2 x 250 kcmil  
with kit no. JS250

 Approved for copper or aluminum

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)
-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
JS750	2 x 750 kcmil connector kit for line side termination
KIT-JS4B	5 <sup>th</sup> jaw assembly kit for NB Power

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

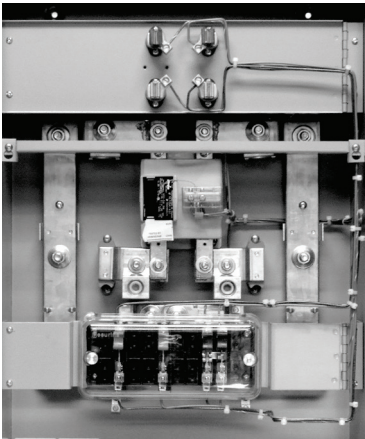
JS4 Aluminum series

Single-phase service

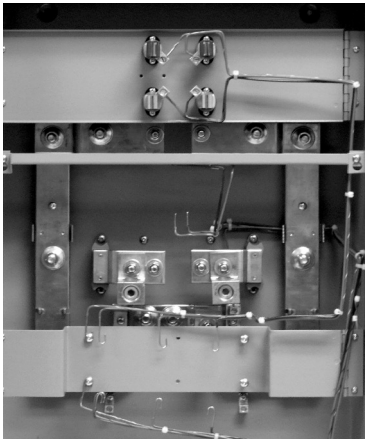
Product specifications

- 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)

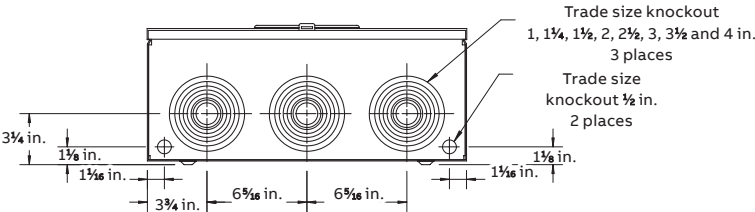


JS4B-STNSEAL  
(Nova Scotia)

 Approved for copper or aluminum

Cat. no.	Description	Dimensions (in.)			Weight each	
		H	W	D	lb	kg
JS4B-EAL	Aluminum feed 400 A meter socket (New Brunswick only)	38⅞	20⅞	8¼	72	32.65
JS4B-STNSEAL	Aluminum feed 400 A meter socket (Nova Scotia only)	38⅞	20⅞	8¼	72	32.65

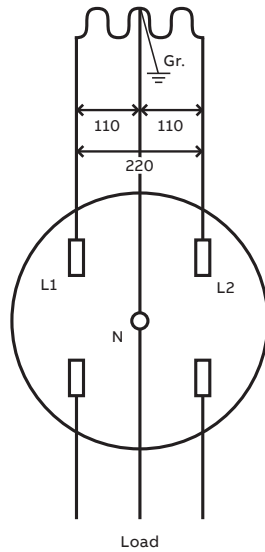
Diagrams



## Typical wiring diagrams

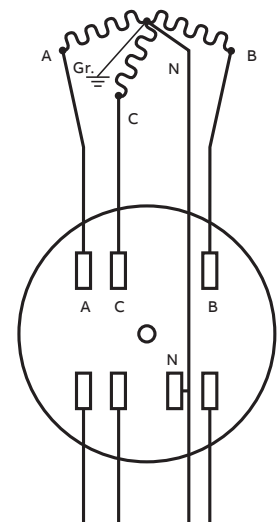
**Reference meter sockets** **4 Jaw**  
**110/220 V 1PH3 W**

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



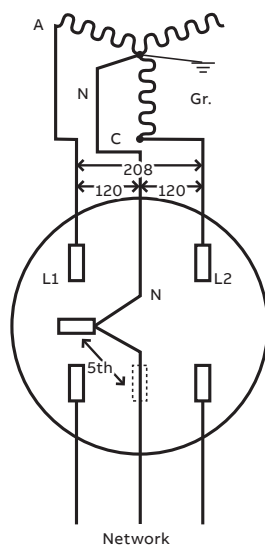
**Reference meter sockets** **7 Jaw**  
**3 PH 4 W**

PL17  
PL27



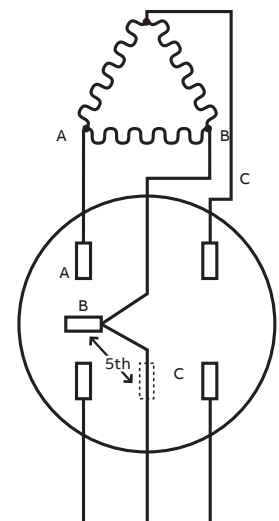
**Reference meter sockets** **5 Jaw**  
**3 PH 4 W**

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



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

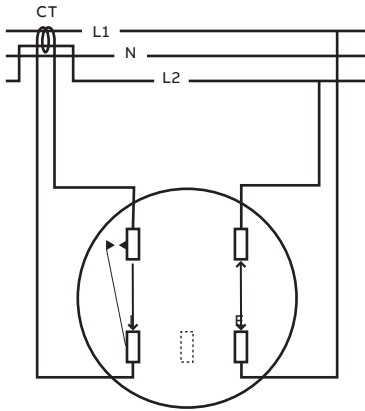
BE1-5-INV  
BS2-5-IN



Typical wiring diagrams

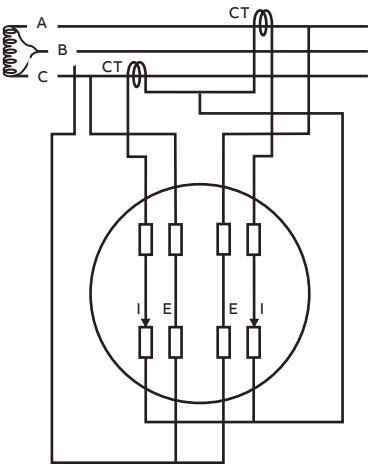
Reference meter sockets 4 Jaw 1 PH CMS

CT104  
CL4-V



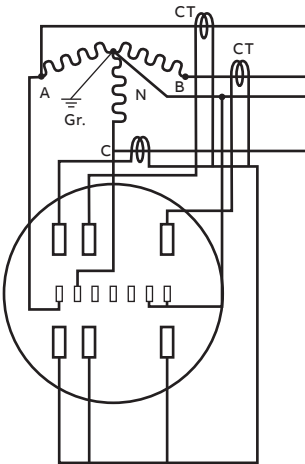
Reference meter sockets 8 Jaw 3 PH 3 W

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



- 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

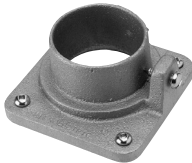
Not recommended as a permanent cover for energized meter sockets.

Jumper bar



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

Mast coupler



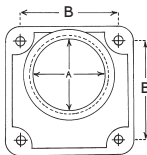
Cat. no.	Description
MH200	Fits all sockets with regular 2½ in. hub opening

Hubs for rigid conduit



	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	
	MH30	E991L	3	For 4 in. hub opening
	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

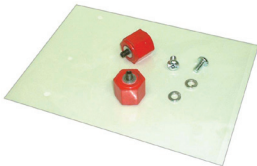


	Cat. no.	Description
	IN1000BE, IN1000PL	100 A Max.
	IN2000BS, IN2000PL	200 A Max.
	IN1000-M, IN1000-S	100 A series BA/BE, 100 A series PL17
	IN2000-M, IN2000-S	200 A series BQ/BS, 200 A series PL27

-M means installs in middle  
-S means installs on side  
Specify socket when ordering.

Insulated neutral kit




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

Accessories


Ground lug on neutral kit

	Cat. no.	Description
	GN1000	100A Max, for BA, BE series
	GN2000	200 A Max. for BQ2, BS2 series

Identification marker kits

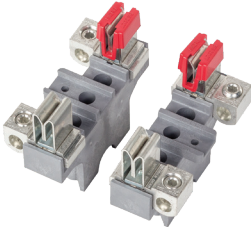
	Cat. no.	Description	Markers Kit Includes	Qty.
	MINI-ID-KIT	Plastic case	Stainless steel markers of each numbers 0 through 9 (dash + service)	10
	MICRO-ID-KIT	Blue metal carrying case	Stainless steel markers of each letters A through D	10
			Stainless steel markers of each numbers 0 through 9	10
			Word "SERVICE"	10
			CM-BS100 Jumper bar 200 A max.	4
			BS2027-FG Meter jaw safety shroud	10

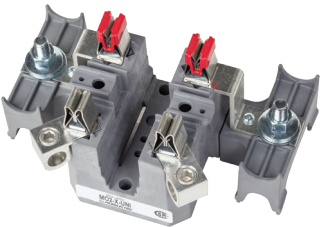
Identification markers


	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	

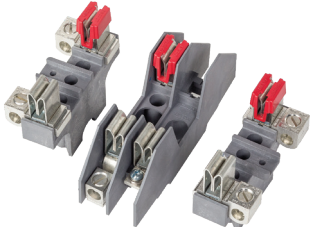
Accessories


Ready-to-install replacement block assemblies

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

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

	Cat. no.	Description
	BS2-X-UNI	Fits BQ2 / BS2 series uni block
	BS2-XIN-UNI	Fits BQ2/BS2 series with insulated neutral uni block
	BS2-XGN-UNI	Fits BQ2/BS2 series with ground lug on neutral uni block

	Cat. no.	Description
	PL17X	Neutral 200 A



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

Accessories



Repair kits

Available replacement block accesories. 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

SP

	Meter socket series	Standard capacity 9 o'clock position	Full capacity 9 o'clock position	
		C205	Z105*	Z205*
	BA3	•	•	
	BDC	•		•
	BE1	•	•	
	BE2	•	•	
	BEC	•	•	
	BD2	•		•
	BQ2	•		•
	BS2 / BS2L	•		•
	BS4 / BSC4	•		•
	CO1	•	•	
	CO2	•		•
	CO1 Multigang	•	•	
	MO2	•		
	JS4B	•		

\* CSA not applicable



Pole mount bracket kit

	Cat. no.	Description	Conductor range (AWG)	Use with series	Option 1	Option 2
	PMB200	Secures Microelectric meter socket to a wooden pole via option 1 or 2	14-2	BA3, BE1, BP320 BQ2, BS, CL, CO1, CO2, CT, MO2, PL17, PL27, VT	Use a lag bolt through 5/8 in. center keyhole	Use the two side bracket mounting 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

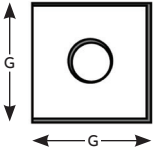
Pole mounting kit

	Cat. no.	Kit includes	Weight		Qty.
			lb	kg	
	PMBJS4	Support hangers	9.03	4.09	2
		½ in. x 4 in. lag bolt	–	–	1
		¾ in. x 3 in. lag bolt	–	–	4
		⅝ 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

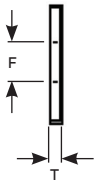
Pole line hardware

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	⅝	2	–	⅜	22	10.0	400
BC301L	Carriage bolt	⅜	1½	1½	–	11	5.0	50
BO506	Oval eye bolt	⅝	6	3	–	122	55.4	50
BO508	Oval eye bolt	⅝	8	4	–	136	61.8	50
BO510	Oval eye bolt	⅝	10	4	–	150	68.1	50
BO512	Oval eye bolt	⅝	12	4	–	168	76.3	50

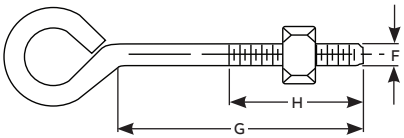
Diagrams



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
	BP500	Connector kit single lug

### 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

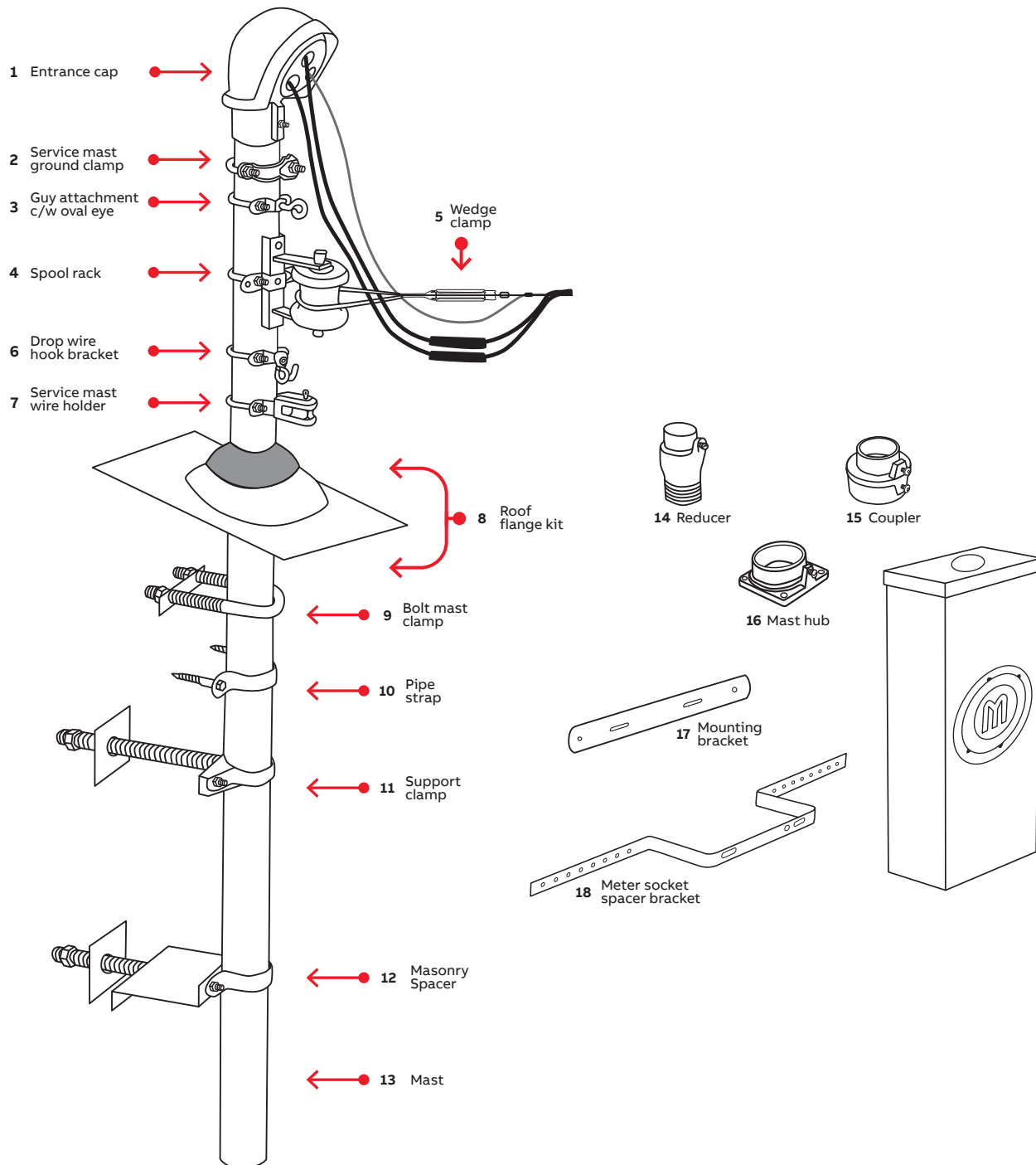
Meter series	Top	Middle	Bottom
CO2MS	CO3322 MFG	CO3321 MSFG	CO3323 MSFG

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

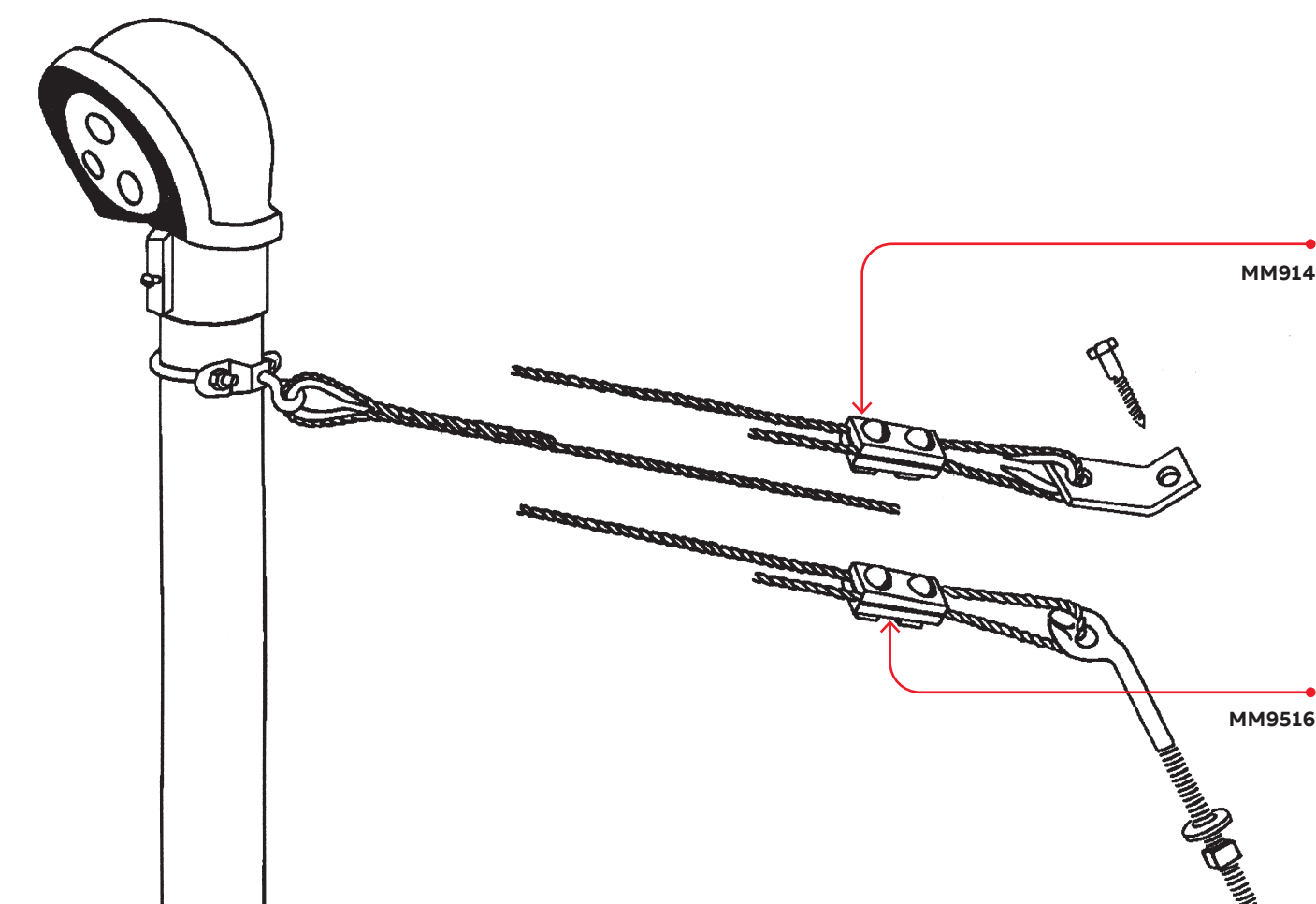
Ref. No.	Steel	PVC	Description
1	MM104		100A - 1 1/4" Entrance cap for 2 1/2" mast
	E998G		100A - 1 1/4" Entrance cap
	E998H		100A - 1 1/2" Entrance cap
	MM105		150A/200A - 1 1/2" Entrance cap for 2 1/2" mast
	MM202		200A - 2" Entrance cap for 2 1/2" mast
	MM202P		200A - 2" Entrance cap for old style 2 3/4" mast
	E998J		200A - 2" Entrance cap
	E998K-UPC		200A - 2 1/2" Entrance cap
	E998L		320A - 3" Entrance cap
	E998N		320A/400A - 4" Entrance cap
	CIEFA-4		400A - 4" Entrance cap for 4" rigid conduit
2	MM700		Service mast ground clamp, wire range: 8-1/0 AWG
3	MM380		Guy attachment c/w oval eye
4	MM101		100A - Light duty spool rack
	MM5101		100A - Light duty spool rack (Alberta only)
	MM201		200A - Heavy duty spool rack
	MM801		400A - Heavy duty spool rack, fits 3" and 4" rigid conduit
	SS401-E		Wall mount spool Rack
5	W62-1		Wedge clamp 2 - 6 ACSR
	W20-1		Wedge clamp 1/0 - 4 ACSR
6	MM390		Drop wire hook bracket
7	MM300		Service mast wire holder
8	MM505N		Roof flange with neoprene collar for 2 1/2" mast
	MM5505N		Roof flange with neoprene collar for 1 1/4" conduit
	MM506N		Neoprene roof flange for 2 1/2" mast
	MM507DN		Neoprene double roof flange for 2 1/2" masts
	MM806N		Neoprene roof flange, for 4" rigid conduit
9	MM250		1/2" "U" for 2 1/2" mast
10	MM251		Mast strap c/w two 3/8" x 4" lag screws
	MM252		Mast strap without lag screws
	E977GC		1 1/4" conduit strap
	E997HC		1 1/2" conduit strap
	E977JC-4-HD		2" conduit strap
	E977K		2 1/2" conduit strap
	E977L		3" conduit strap
	E977N		4" conduit strap
11	MM400		Mast clamp with 5/8" x 10" threaded bolt and 4" x 4" square washer
	MM401		2 1/2" mast clamp without hardware
	MM445		2 1/2" mast clamp with 5/8" x 4 1/2" threaded bolt and 4" x 4" washer
	MM5400		2 1/2" mast clamp with 1/2" x 10" threaded bolt and 4" x 4" washer

Ref. No.	Steel	PVC	Description
12	MM600		2 1/2" mast clamp with 5 1/2" spacer, 5/8" x 4 1/2" threaded bolt and 4" x 4" washer
	MM602		Masonry 5 1/2" spacer without hardware
	MM602LD		Masonry 5 1/2" light duty spacer without hardware
	MM603		Mast clamp and masonry 5 1/2" spacer without hardware
	MM8		8 ft. x 2-1/2" O.D. mast
13	MM9CM		9 ft. x 2-1/2" O.D. mast
	MM10		10 ft. x 2-1/2" O.D. mast
	49009CC		10ft x 1 1/4" Conduit
	49010CC		10ft x 1 1/2" Conduit
	49011CC		10 ft. x 2" Conduit
	49012CC		10 ft. x 2 1/2" Conduit
	49013CC		10 ft x 3" Conduit
	49015CC		10ft x 4" Conduit
	MM12		12 ft. x 2 1/2" O.D. mast
	MM140		1 1/4" Female reducer
14	MM140M		1 1/4" Male reducer
	MM150		1 1/2" Female reducer
	MM150M		1 1/2" Male reducer
	MM200M		2" Male Reducer
	MM200		2" Female reducer
	MM200P		2" Female reducer for old style 2-3/4" service masts
	E942J		2" Female adaptor
	E943G		1 1/4" Male terminal adaptor
15	E943H		1 1/2" Male terminal adaptor
	MC250		2-1/2" One-piece mast coupler
	E940J		2" Conduit coupler
	E940K		2 1/2" Conduit coupler
	E995G		1 1/4" Offset
16	E991J		2" Meter hub
	MH200		2 1/2" Mast hub with set screw
	MH12X		1 1/4" Rigid conduit threaded hub
	E991G		1 1/4" Conduit hub
	MH15		1 1/2" Rigid conduit threaded mast hub
	E991H		1 1/2" Conduit hub
	MH20		2" Rigid conduit threaded hub
	MH30	E991L	3" Conduit hub
17	MH40		4" Rigid conduit threaded hub
	MM605		Meter socket mounting bracket
18	MM604		Masonry meter socket 4 7/8" spacer bracket

Service Masts

Guy kits for 2½ in. masts

Cat. no.	Qty.	Consists of	Description
<b>¼ in. Guy kit</b>			
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
<b>⅝ in. Guy kit</b>			
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

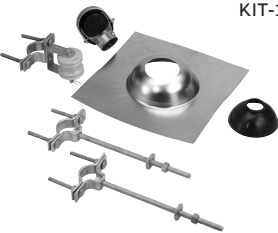
Mast kits suitable for British Columbia

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 1½ in. rigid conduit			
	1	MM5104A	1½ in. Throat entrance cap
	1	MM5101	Light-duty spool rack
	1	MM5505N	Roof flange complete with neoprene collar
	1	MM5400	Support clamp complete with ½ in. x 10 in. bolt

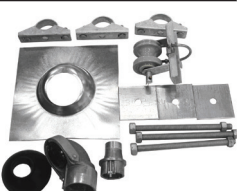
### KIT2-CM – 100 A

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 ½ in. x 10 in. bolt
	1	MM5140	1½ 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 ½ in. x 10 in. bolt
	1	MM200M	2 in. Reducer

### MB-110 – 100 A

Cat. no.	Qty.	Consists of	Description
	1	MM104	1½ in. Entrance cap
	1	MM201	Heavy-duty spool rack
	1	MM505N	Roof flange complete with neoprene collar
	3	MM400	Support clamp complete with ¾ in. x 10 in. fully threaded bolt and 4 x 4 washer
	1	MM140	1½ 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	1½ 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	1½ 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	1½ 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	1½ 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	1½ 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	1½ 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	1½ 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	2 in. Entrance cap
	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
<b>This mast kit is used in conjunction with 2 in. rigid conduit</b>			
	KIT-200-PVC	1	SS401-E Spool rack
		1	E998J 2 in. Entrance cap
		3	E977J CIM 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
<b>This mast kit is used in conjunction with 2 in. rigid conduit</b>			
	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 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
<b>This mast kit is used in conjunction with 4 in. rigid conduit</b>			
	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) 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

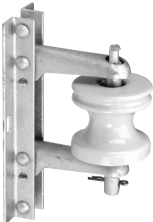
Cat. no.	Qty.	Consists of	Description
KIT-100MN	1	MM104	Entrance cap
	1	MM140M	1½ in. Male reducer
	1	MM101	Light-duty spool rack
	3	MM255	Strap complete with ¾ in. x 5 in. lag bolts
	1	MM505N	Flange complete with neoprene collar
KIT-100	1	MM104	Entrance cap
	1	MM140M	1½ in. Male reducer
	3	MM251	Strap 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 ½ in. diameter rod and ¾ 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

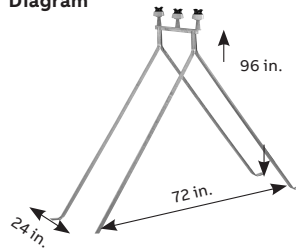
Medium-duty spool rack is furnished complete with cat. no. IB134 insulator. All ferrous parts are hot dip galvanized.

## 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

Diagram



Type "T" (medium duty) is constructed of 1 in. x 1 in. x  $\frac{1}{8}$  in. angle iron. Type "TH" (heavy duty) is constructed of 1 $\frac{1}{4}$  in. x 1 $\frac{1}{4}$  in. x  $\frac{3}{16}$  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 $\frac{1}{2}$	3 $\frac{1}{4}$	125	56.8	25



### Insulators (100–400 A)

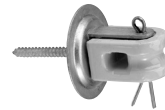
Cat. no.	Ampere	Height (in.)	Diameter (in.)	Hole dia. (in.)	Weight (100 pcs)		Std. pkg.
					lb	kg	
IB134	100	2	2 $\frac{1}{4}$	$\frac{9}{16}$	40	18.1	100
IB135	200 and 400	3	3	1 $\frac{3}{16}$	115	52.2	50



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



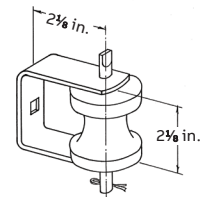
Porcelain insulator securely held in the hot galvanized steel clevis by a cotter pin.

### Light-duty clevis (100 A)

Cat. no.	Mounting hole	Weight (100 pcs)		Std. pkg.
		lb	kg	
AN422	$\frac{11}{16}$ in. Round	90	40.9	25
AN422KIT	$\frac{11}{16}$ in. Round with bolts and washers	—	—	1
AN423	$\frac{9}{16}$ in. x $\frac{9}{16}$ in. square	90	40.9	25



Diagram



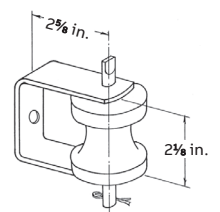
Add suffix "NI" if insulator is not required. Constructed of  $\frac{3}{8}$  in. x 1 in. flat mild steel, has  $\frac{3}{8}$  in. diam. pin and C/W No. IB134 insulator, mounting hole as per table above. All ferrous parts are hot dip galvanized.

### Clevis (200 A)

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



Diagram

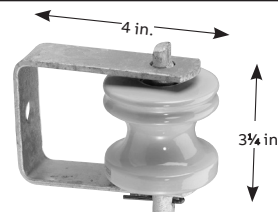


Add suffix "NI" if insulator is not required. Constructed of  $\frac{3}{8}$  in. x 1 $\frac{1}{4}$  in. flat mild steel, has  $\frac{3}{8}$  in. diam. pin and complete with catalog no. IB134 insulator,  $\frac{3}{8}$  in. round mounting hole. All ferrous parts are hot dip galvanized.

Pole line hardware

Heavy-duty clevis (200 A)

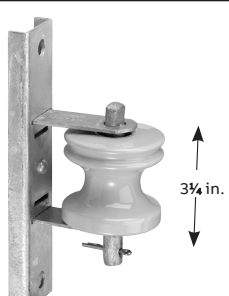
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AN428S	262	119	25



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

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

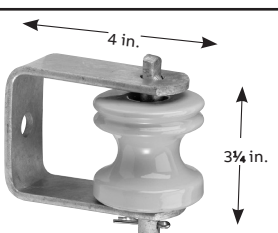
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AN117	290	130	10



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

Heavy-duty clevis (200 A)

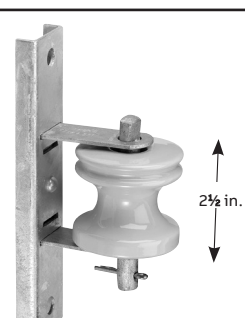
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AN428	350	159	5



Add suffix "NI" if insulator is not required. Constructed of 1/4 in. x 2 in. flat mild steel, has 5/8 in. diam. pin and complete with catalog no. IB135 insulator, 3/16 in. round mounting hole. 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



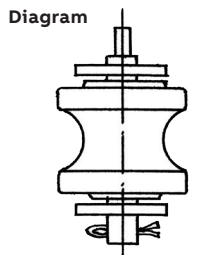
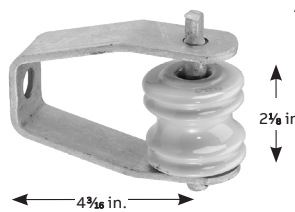
Light-duty wall rack constructed of 3/8 in. steel, with 2 mounting holes 1/2 in., complete with catalog no. IB134 insulator. All ferrous parts are hot dip galvanized.



Pole line hardware

Clevis (100 A)

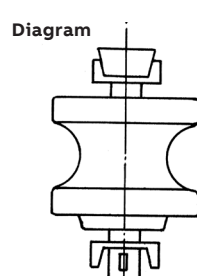
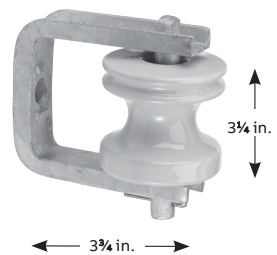
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AL425	162	73.6	20



Add suffix "NI" if insulator is not required. Constructed of  $\frac{9}{16}$  in. x  $1\frac{1}{2}$  in. flat mild steel, has  $\frac{1}{2}$  in. diam. pin and comes with catalog no. IB134 insulator,  $\frac{11}{16}$  in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (200 A)

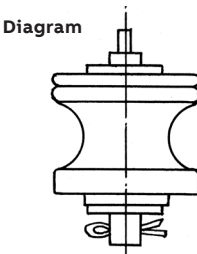
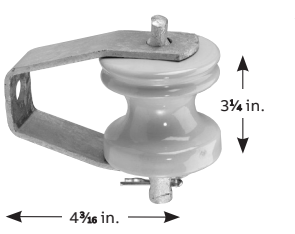
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AU427	265	120.4	10



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,  $\frac{11}{16}$  in. round mounting hole. All ferrous parts are hot dip galvanized.

Clevis (200 A)

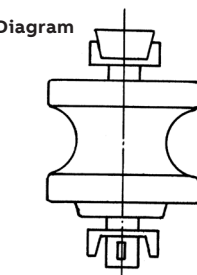
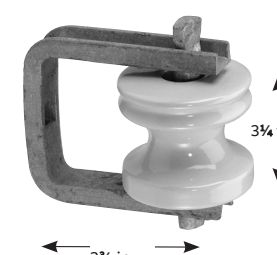
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
AL426	262	119	10



Add suffix "NI" if insulator is not required. Constructed of  $\frac{9}{16}$  in. x  $1\frac{1}{2}$  in. flat mild steel, has  $\frac{5}{8}$  in. diam. pin and comes with catalog no. IB135 insulator,  $\frac{11}{16}$  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,  $\frac{11}{16}$  in. square hole. All ferrous parts are hot dip galvanized.

Pole line hardware

Clevis (100 A)

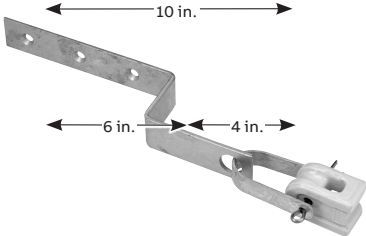
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
SW409	100	45.4	25



Add suffix "NI" if insulator is not required. Constructed of 1/8 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)

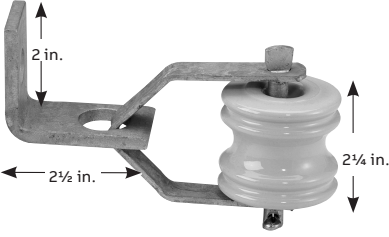
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
SW410	180	81.8	20



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)

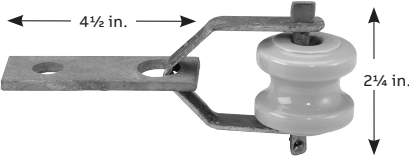
Cat. no.	Weight (100 pcs)		Std. pkg.
	lb	kg	
SW411	125	56.8	20



Add suffix "NI" if insulator is not required. Constructed of 1/8 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	
SW411S	125	56.8	20



Add suffix "NI" if insulator is not required. Constructed of 1/8 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:

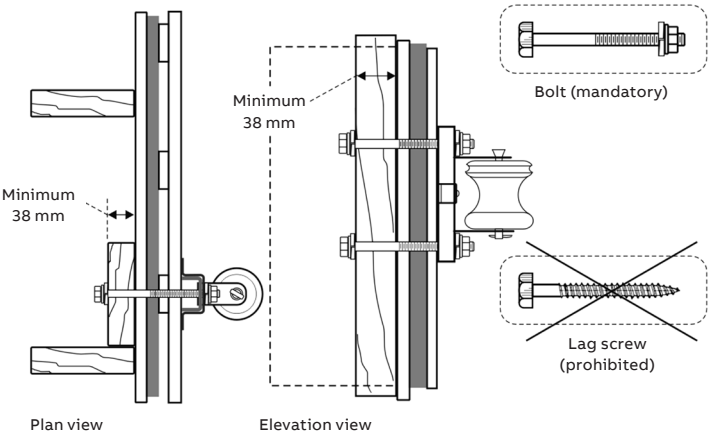
2.2.1 Supply and installation

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

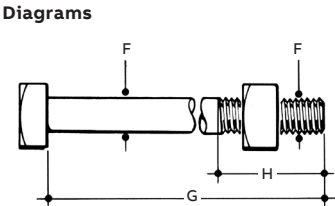


Note: Interior insulation and exterior wall are not shown for more clarity.  
Figure 2: Spool rack installation (wooden structure).  
Source: Régie du bâtiment du Québec. Can also be used in all provinces.

Pole line hardware

Machine bolts

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




Lag screws

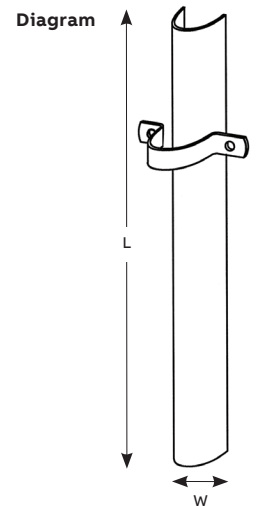
Cat. no.	F diam. (in.)	G long. (in.)	Weight (100 pcs)		Std. pkg.
			lb	kg	
T102L	1⁄4	2½	3	1.3	100
T103	1⁄4	3	4	1.8	100
T203	5⁄16	3	6	2.7	100
T302	3⁄8	2	7	3.1	100
T303	3⁄8	3	10	4.5	100
T304	3⁄8	4	11	5.0	50
T305	3⁄8	5	14	6.3	25
T306	3⁄8	6	17	7.7	50
T308	3⁄8	8	22	10.0	50
T310	3⁄8	10	27	12.2	10
T404-CM	1⁄2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

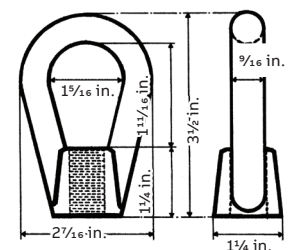
### Guy clamps

	Cat. no.	Qty.	Bolt		Range (in.)	Weight (100 pcs)		Std. pkg.
			size (in.)	Length (in.)		lb	kg	
	GC902	2	½	3¼	¼–7/16	130	59.0	50
	GC904	3	½	5⅞	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	1⅝ X 1⅞	70	31.8	50


Diagrams



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

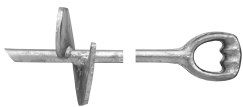
Pole line hardware

Guy hooks

	Cat. no.	Bolt size (in.)	Weight (100 pcs)		Std. pkg.
			lb	kg	
	CH912	5/8	90	40.9	50
	K133A	5/8-3/4	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 5/8 in. or 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	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	5/8	6	Double thimble	750	340.9	5
	AR347	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	5/8-3/4	950	431.8	5
	ME-DA4PC2	8	16X16	5/8-3/4	1165	528.5	5

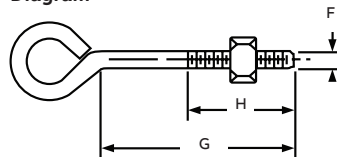
These heavy-duty steel anchors have 8 blades that expand to form a square, with equalized load distribution all around the anchor.

## 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	$\frac{5}{8}$	6	3	122	55.4	50
BO508	Oval eye bolt	$\frac{5}{8}$	8	4	136	61.8	25
BO510	Oval eye bolt	$\frac{5}{8}$	10	4	150	68.1	25
BO512	Oval eye bolt	$\frac{5}{8}$	12	4	168	76.3	25

Diagram

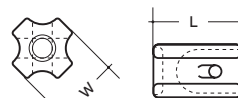


### Guy strain insulator

Cat. no.	Length (ft.)	Dia. (in.)	Weight (100 pcs)		Std. pkg.
			lb	kg	
504WGS	4¼	2⅞	1.0	0.45	1
506WGS	5½	3⅞	1.0	0.45	1



Diagrams



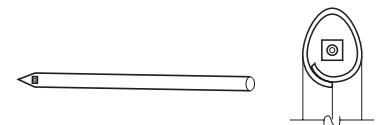
Note: Made of porcelain

### 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

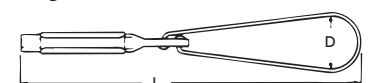


### Type W – Aluminum service wedge clamps for use with ACSR, aluminum, AAAC conductors

- 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	2⅞ flex.	12, 17½	2 6 x 1 ACSR	1,200
	W62-1FC	2–6	1 str. – 6 sol.	2–6	2⅞ flex.	12, 17½	2 6 x 1 ACSR	1,200
"FC" flexible bail (bail length – 11½ in.)	W20-1	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅞ flex.	12½, 18½	1/0 6 x 1 ACSR	1,800
	W20-1FC	1/0–4	2/0 str. – 2 sol.	1/0–4	2⅞ flex.	12½, 18½	1/0 6 x 1 ACSR	1,800
Rigid stainless steel bail (bail length – 6½ in.)	W40-1*	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅞ flex.	12¾, 18½	4/0 6 x 1 ACSR	1,900
	W40-1FC*	4/0–2/0	4/0 str. – 2 sol.	4/0–2/0	2⅞ flex.	12¾, 18½	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

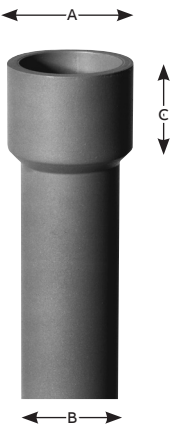


	Cat. no.	Nom. size (in.)	Std. crate qty.	Std. bundle qty.	Wt. per 100 ft. (lb)	Dimensions (in.)	
			10 ft.	10 ft.		O.D.	I.D.
	10 ft.						
	49009CC-010	1¼	3,300	50	46	1.660	1.380
	49010CC-010	1½	1,800	50	55	1.900	1.610
	49011CC-010	2	1,400	50	73	2.375	2.067



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





## Carlson nonmetallic conduits

### Schedule 40 PVC rigid nonmetallic conduits

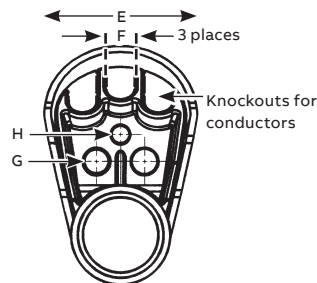
#### Service entrance caps



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



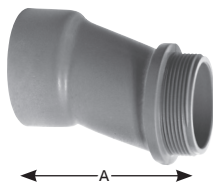
Diagram



#### Meter offset



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

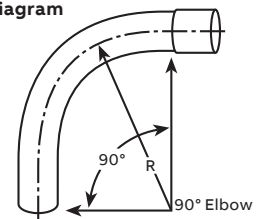


#### Schedule 40 elbows – Std. radius



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

Diagram



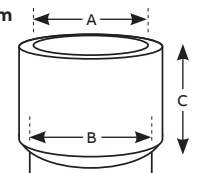
Available in plain and integral belled end for use with nonmetallic solvent weld fittings. Custom elbows available on request.

#### 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

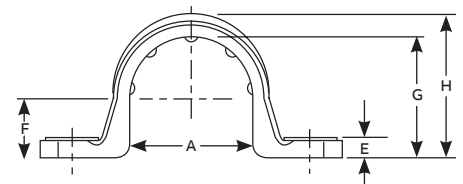
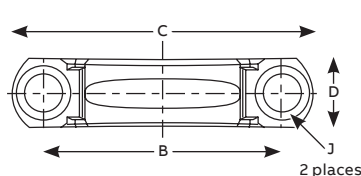


#### 2-Hole nonmetallic clamps



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 Carlson 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	7¾	6½	6	2⅝	2½	2¾	32.0
E986H	1½	10	1¾	7¾	6⅔	6	2⅝	2½	2¾	32.0
E986J	2	10	1¾	9¾	6½	7¼	2⅝	3⅝	3⅝	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

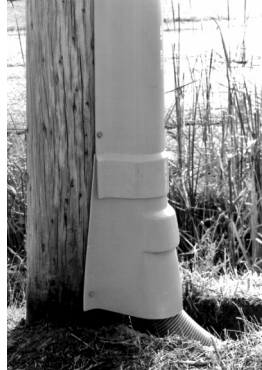
### Nonmetallic pole riser system

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

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



01



02

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

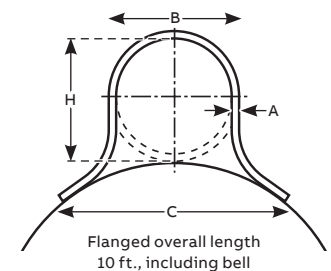
#### Product specifications

- 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	3-3¼
	4	4-4¼
	5	4-4½
	6	5-5½

Slots are ½ in. from side to side, and allow for expansion and contraction. Slot dimensions: for sizes 2 in. through 6 in. are ⅝ in. wide, ¾ in. long. Slot dimensions: for 1 in. and 1½ in. are ¾ in. wide, ¾ in. long. Slot spacing: 18 in. from center, beginning 6 in. from end.

Diagram



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	1⅝	2⅜	1⅝	40
59211N	2	136	726	0.100	2⅝	4½	2⅝	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 <sup>29</sup> / <sub>32</sub>	3½	1 <sup>29</sup> / <sub>32</sub>	100
59011N	2	136	1214	0.154	2⅝	4½	2⅝	150
59013N	3	66	937	0.216	3½	6	3 <sup>9</sup> / <sub>32</sub>	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	6⅝	8¾	6⅝	260

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

Carlon PV-Mold

PV-Mold installation and fittings

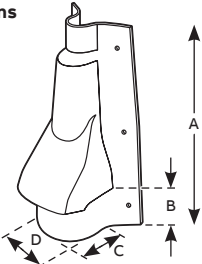
Polyethylene vented boots and adapters

- Note:
1. A field cut may be needed to accommodate different boot or adapter to Carlon U-Mold size combinations.
  2. Recommendation: 2 sets of mounting holes per boot/fitting.  
To add mounting holes, use a 3⁄8 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.

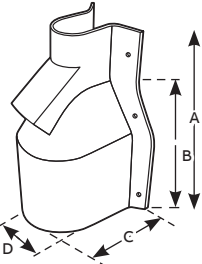
Vented boots

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

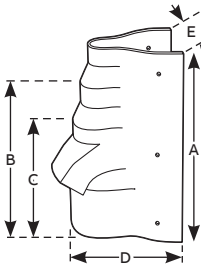
Diagrams



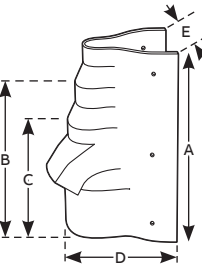
E938JR



E938NT



E938NRR

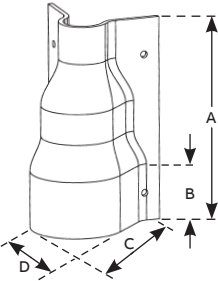


E938PRR

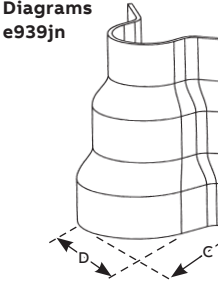
Adapters

Cat. no.	Size (in.)	Dimensions (in.)					Std. ctn.	Std. ctn. wt. (lb)
		A	B	C	D	E		
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	

Diagrams



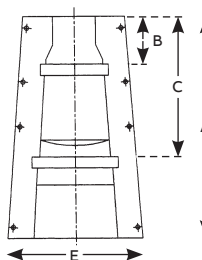
e939jn



e939jn

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

Diagram




e939nrt

Carlson PV-Mold

PV-Mold installation and fittings

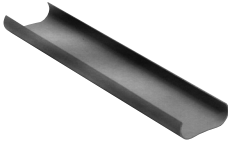
Duct to riser fittings

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

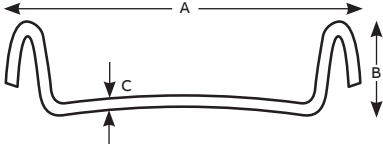


Backing plates

	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 1/8	1	1.2

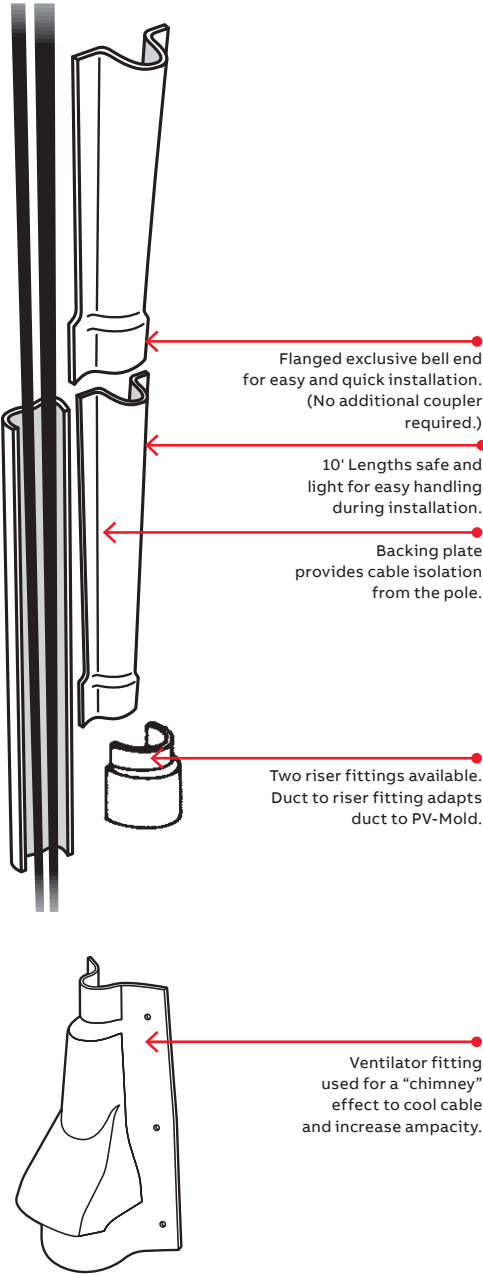


Diagram



Carlson PV-Mold

PV-Mold installation instructions



Installation is easy with PV-Mold pole risers:

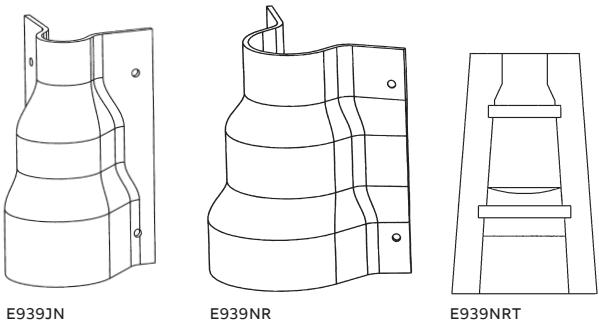
- 1. Install ventilator or duct to riser fittings at the base of the pole.
- 2. Nail backing plate sections to the surface of the pole. Three nail holes are provided in each section. Place the “U” sections over the cable and backing plate, with belled end at the bottom, and attach using ¼ in. lag bolts.

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



Carlson PV-Mold

PV-Mold installation instructions

Field installation instructions for Carlson 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.

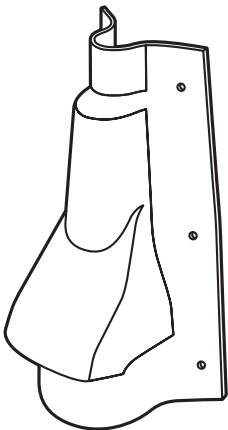
E938PRR

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

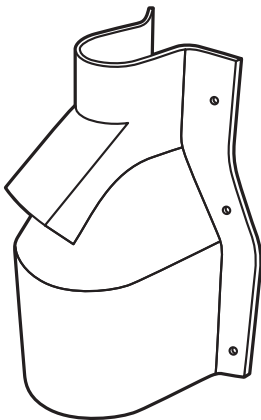
Assemble to pole as described above.

\* 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.

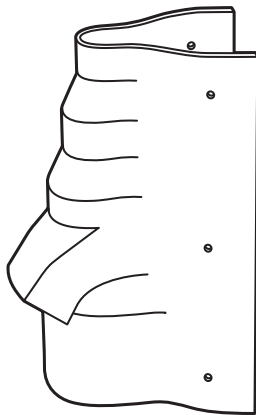
Diagrams



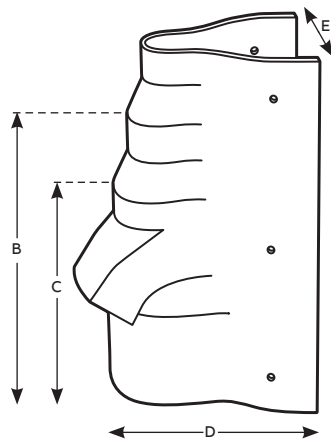
E938JR



E938NT



E938NRR

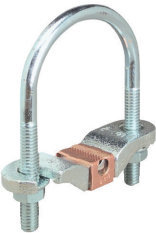


E938PRR

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, copper tubing size (in.)	Ground 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

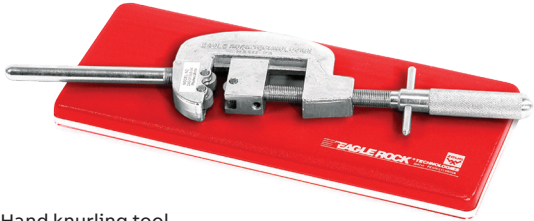
- Made of high-quality steel, hot dip galvanized
- Major time and cost saving versus ground rods

	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 ¾ 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 - 51629	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 C135.30-1979 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	¾-12	5	410	189
5008LS	½	6	15.8	1.8	10	¾-12	5	546	248
5010LS	½	8	15.8	2.4	10	¾-12	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	¾-12	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	5/8-11	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

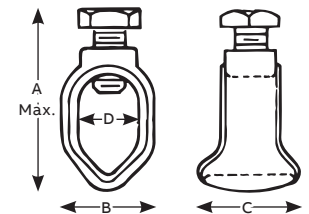
- Long bearing surface of clamp on ground wire secures ground connection
- UL listed for direct burial



	Cat. no.		Nominal rod dia.		Wire range				Dimensions (in.)						
	Socket set screw	Hex head bolt	(in.)	(mm)	max.	min.	max. (mm²)	min. (mm²)	A (max.) socket screw	A (max.) hex bolt	Screw thread size UNC-2A	B	C	D	
	JAB12*	JAB12H	½	12.7	2 str.	10 sol.	33.6	5.2	1 <sup>19</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>32</sub>	7 <sub>16</sub> -14	2 <sup>7</sup> / <sub>32</sub>	7 <sub>8</sub>	1 <sup>9</sup> / <sub>32</sub>	
	JAB58	JAB58H	5 <sub>8</sub>	15.8	1/0 str.	8 sol.	53.4	8.3	1 <sup>27</sup> / <sub>32</sub>	2 <sup>13</sup> / <sub>64</sub>	7 <sub>16</sub> -14	2 <sup>9</sup> / <sub>32</sub>	1	1 <sup>1</sup> / <sub>16</sub>	
	JAB34	JAB34H	¾	19.0	1/0 str.	8 sol.	53.4	8.3	2	2 <sup>11</sup> / <sub>32</sub>	7 <sub>16</sub> -14	1 <sup>1</sup> / <sub>16</sub>	1	5 <sup>1</sup> / <sub>64</sub>	
	–	JAB34C	¾ + 5 <sub>8</sub>	15.8 to 19.0	3/0 str.	8 sol.	95.0	8.3	–	2 <sup>11</sup> / <sub>32</sub>	7 <sub>16</sub> -14	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>16</sub>	
	JAB1	JAB1H	1	25.0	4/0 str.	8 sol.	107.1	8.3	2¼	3	7 <sub>16</sub> -14	1 <sup>11</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>16</sub>	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

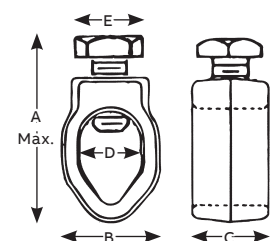
- Hex head bolts
- Simplified compact design will make a lasting, trouble-free connection
- Listed for direct burial



	Nominal rod dia.		Wire range					Dimensions (in.)						
	Cat. no.	(in.)	(mm)	max.	min.	max. (mm²)	min. (mm²)	A	Screw	B	C	D	E	
								(max.)	thread					
														size
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	13⁄16	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 <sup>11</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>32</sub>
	J2BB	1¼–2	2 str.	10 sol.	3¾	3½	1 <sup>3</sup> / <sub>16</sub>
	J2124	2½–4	2 str.	10 sol.	6	6 <sup>5</sup> / <sub>16</sub>	1
	J6	4¾–6	2 str.	10 sol.	7¾	8 <sup>3</sup> / <sub>8</sub>	1

## EZGround grounding systems

### Clamps

#### Technical specifications



		Water pipe size (in.)	Ground wire size (AWG)		Ground rod size (in.)	
	Cat. no.		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