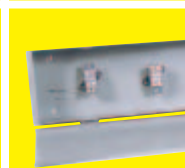
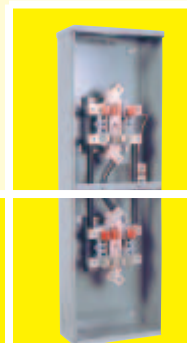
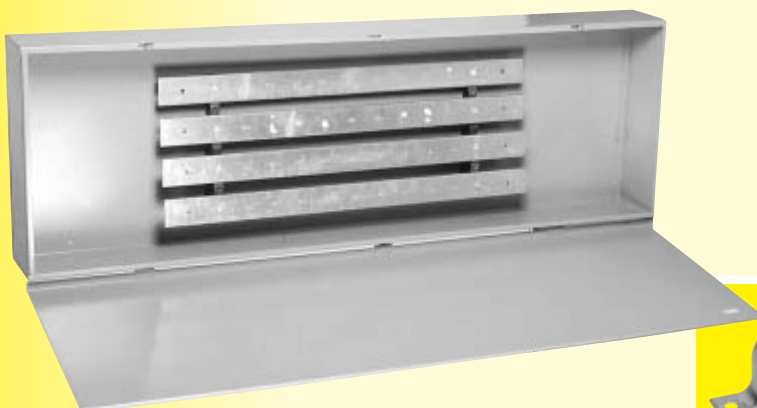
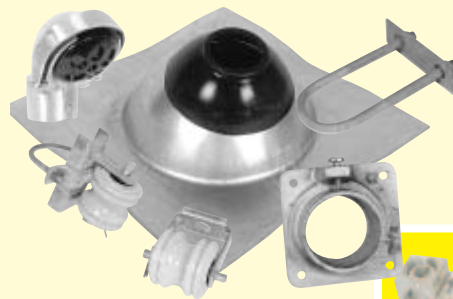


Full Line Catalogue

- **Meter Sockets & Accessories**
- **Service Masts & Accessories**
- **Grounding**
- **Safety Switches**
- **Industrial Buss Duct**
- **Enclosures - Commercial/Industrial**
- **Custom Fabrication**



When you think of Service Entrance Products you can count on over HYDEL's 50 years of service to the Residential, Commercial, Industrial and Utility markets.

The Hydel Customer Service TEAM is continually striving to improve stock availability, accessibility to information and technical assistance.

Hydel Products are approved and tested before leaving our modern design and manufacturing facility in Vaughan.

Hydel Inc. will strive to constantly improve the quality and delivery of our products to our customers. We will perfect our products to the highest level of acceptance within the industry which will benefit our customers, employees and owners.



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METER SOCKETS & ACCESSORIES

CTS Series**20 AMP - 600 VOLTS
Transformer Rated**

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
CTS409PW	O/H	5 Jaw with circuit closing left side for "CMS" applications*	9 ¹ / ₄	7 ⁵ / ₈	3 ¹³ / ₁₆	5 lbs.
CTS459PW	O/H	5 Jaw with circuit closing left side for 4 Jaw application**	9 ¹ / ₄	7 ⁵ / ₈	3 ¹³ / ₁₆	5 lbs.

- Transformer rated for services over 200 Amps
- CSA approved for copper only
- CSA enclosure 3R
- Range No. 14 - No. 8 CU
- Circuit closing feature to short out current transformer upon removal of meter
- Pole mountable
- Central metering systems

*5th Jaw in 9 O'clock position,
meets 2004 Hydro One code

** 5th Jaw in 6 O'clock position,
Dummy Jaw in lower right hand position
For use on 4 Jaw CMS applications

Suffix:

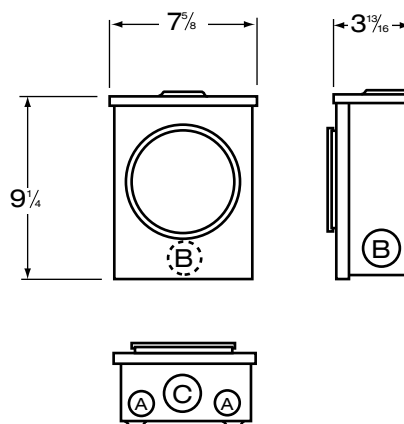
- BC for British Columbia

- NS for Nova Scotia

KNOCKOUT CODE	CONDUIT SIZE
C	1", 1 ¹ / ₄ ", 1 ¹ / ₂ "
A	1/2", 1", 1 ¹ / ₄ "
B	1", 1 ¹ / ₄ "



**CTS409PW
CTS459PW**



20 AMP - 600 VOLTS c/w Compartment for Test Switch

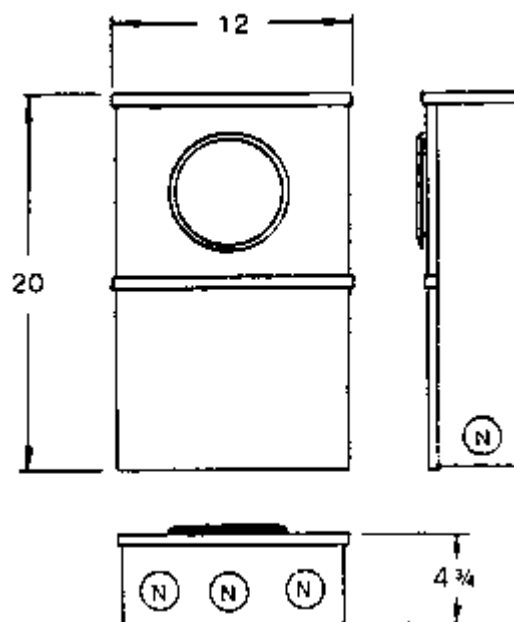
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
CTS400PW	U/G	4 Jaw	20	12	4 ³ / ₄	24 lbs.
CTS500PW	U/G	5 Jaw - 5th Jaw in 6 O'clock position	20	12	4 ³ / ₄	24 lbs.
CTS405PW	U/G	5 Jaw - for 4th Jaw application, 5th Jaw at 9 O'Clock position	20	12	4 ³ / ₄	24 lbs.
CTS800PW	U/G	8 Jaw	20	12	4 ³ / ₄	26 lbs.
CTS130PW	U/G	13 Jaw	20	12	4 ³ / ₄	26 lbs.
CTS139PW	U/G	13 Jaw - with by-pass	20	12	4 ³ / ₄	26 lbs.

- Transformer rated for services over 200 Amps
- CSA enclosure 3R
- CSA approved for copper only
- Conductor range for No. 14 - No. 8 CU
- Meter socket with compartment for test switches or test blocks
- Bottom cover is lockable and sealable

Suffix:

- BC for British Columbia
- NS for Nova Scotia

KNOCKOUT CODE	CONDUIT SIZE
N	3/4", 1", 1 1/4"

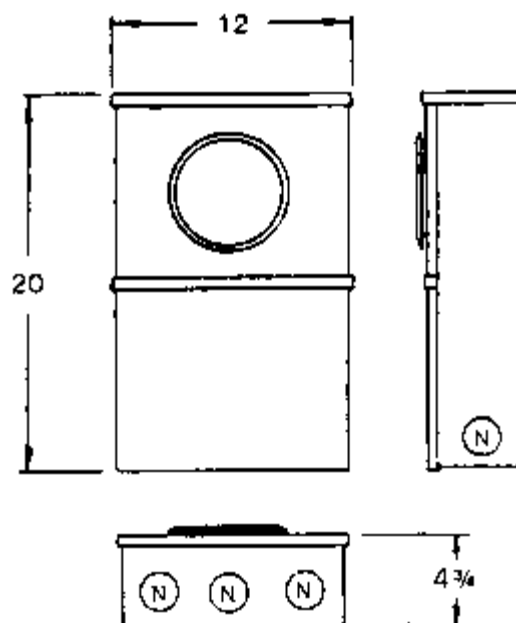


Hydel
Sicame Group**CTS Series****20 AMP - 600 VOLTS****Transformer Rated c/w Test Switch**

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
CTS130PW-TS	U/G	13 Jaw c/w 10 pole test switch	20	12	4 ³ / ₄	30 lbs.
CTS400PW-TS	U/G	4 Jaw c/w 4 pole test switch	20	12	4 ³ / ₄	30 lbs.
CTS405PW-TS	U/G	5 Jaw c/w 4 pole test switch	20	12	4 ³ / ₄	30 lbs.

- Transformer rated for services over 200 Amps
- CSA enclosure 3R
- CSA approved for copper only
- Conductor range for No. 14 - No. 8 CU
- Meter socket with compartment for test switches or test blocks
- Bottom cover is lockable and sealable

KNOCKOUT CODE	CONDUIT SIZE
N	3/4", 1", 1 1/4"



SH Series

100 AMP - 600 VOLTS
Shallow

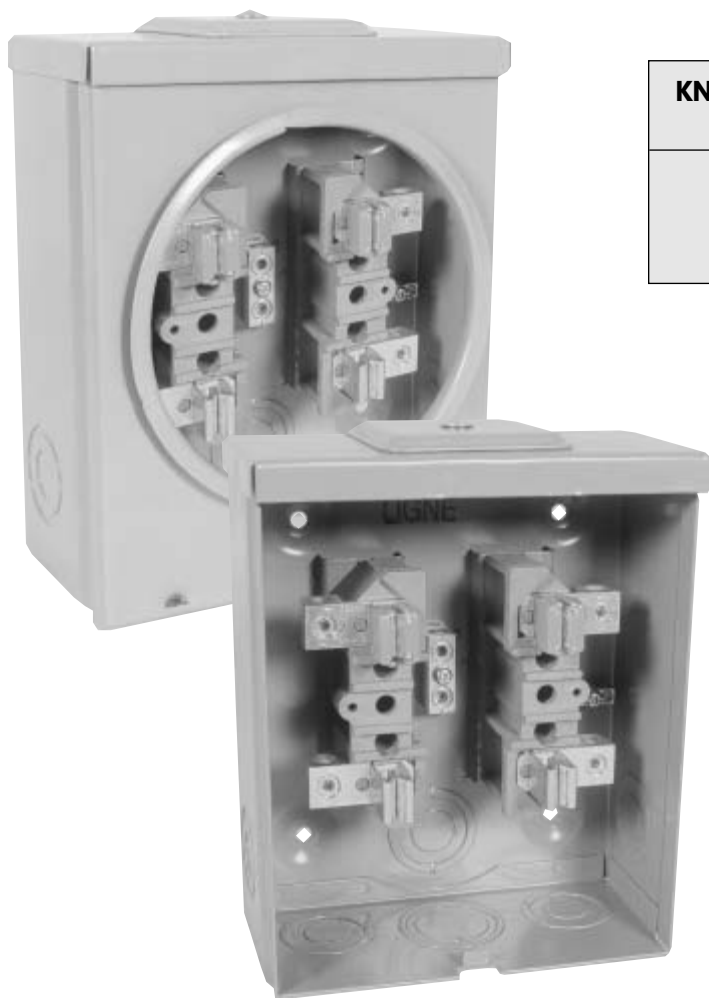
Hydel
Sicame Group

**METER
SOCKETS**

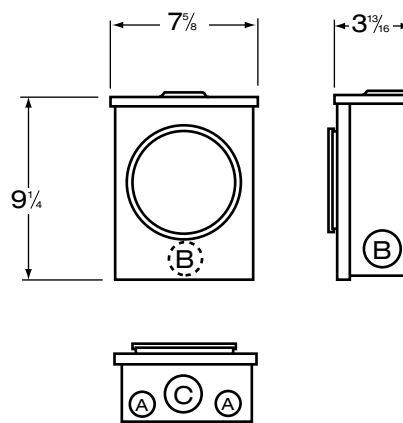
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SH400PW	O/H & U/G	4 Jaw - c/w hub closure plate	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.
SH400JW	O/H	4 Jaw - c/w 1 ¹ / ₄ " hub	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.
SH400BW	O/H	4 Jaw - twin hub opening c/w two - 1 ¹ / ₄ " hubs	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.
SH400BP	O/H	4 Jaw - twin hub opening c/w closure plates	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.
SH400TW	U/G	4 Jaw - blank top	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.
SH400KO	O/H	4 Jaw - knockout on top (indoor use)	9 ¹ / ₄	7 ⁵ / ₈	3 ³ / ₁₆	5 lbs.

- CSA weatherproof enclosure 3R
- Approved conductor range No.6 - No.2CU
- Copper only
- Insulated neutral available upon request

- Field adaptable Accessories
- 5th Jaw at 9 O'clock - **SXK503**
- Insulated neutral - **INK100**



KNOCKOUT CODE	CONDUIT SIZE
A	1/2", 1", 1 1/4"
B	1", 1 1/4"
C	1", 1 1/4", 1 1/2"



Hydel
Sicame Group**SE Series****100 AMP - 600 VOLTS**
King Size

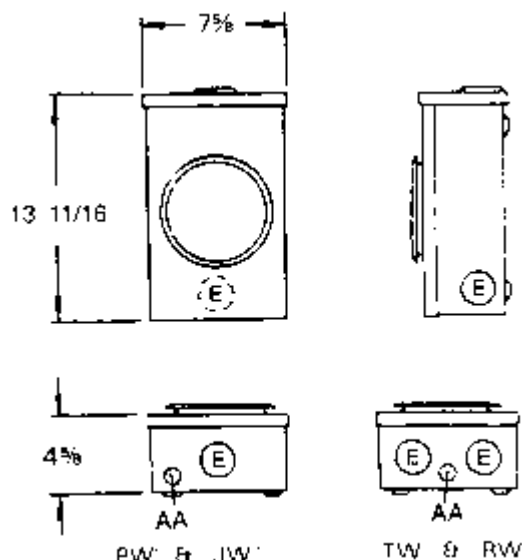
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SE400RW	O/H & U/G	4 Jaw	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE400PW	O/H	4 Jaw c/w hub opening, hub plate not included	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE400JW	O/H	4 Jaw c/w 1 ¹ / ₄ " hub	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE400BW	O/H	4 Jaw - twin hub opening c/w two 1 ¹ / ₄ " hubs	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE400BP	O/H	4 Jaw - twin hub opening c/w closure plates	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE400TW	U/G	4 Jaw - blank top	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs..
SE405RW	O/H & U/G	5 Jaw - 5th Jaw at 9 O'clock	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.
SE420RW	O/H & U/G	4 Jaw - c/w water heater lugs	13 ¹¹ / ₁₆	7 ⁵ / ₈	4 ⁵ / ₈	8 lbs.

- Conductor range No. 6 - 1/0 AWG CU/AL
- CSA weatherproof enclosure 3R
- Approved for copper or aluminum
- For extra ground lug on neutral add suffix NB - Used in New Brunswick

- Field adaptable accessories
- 5th Jaw at 9 O'clock - **SXK503**
- Insulated neutral - **INK100**
- 5th Jaw at 6 O'clock - **INK105Y**



KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
D	1 1/4", 1 1/2", 2"
E	1", 1 1/4", 1 1/2", 2"



SFC Series

100 AMP - 7 JAW Polyphase 3 PH - 4 Wire

Hydel
Sicame Group

METER
SOCKETS

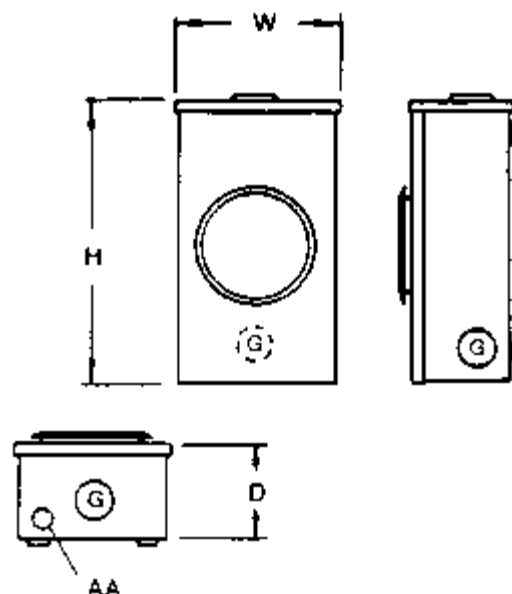
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SFC700PW	O/H	7 Jaw c/w hub closure plate	15 ³ / ₈	8 ⁵ / ₈	5	12 lbs.
SFC703PW	O/H	7 Jaw c/w insulated neutral	15 ³ / ₈	8 ⁵ / ₈	5	12 lbs.
SFC700RW	O/H & U/G	7 Jaw c/w hub closure plate	15 ³ / ₈	8 ⁵ / ₈	5	12 lbs.
SFC703RW	O/H & U/G	7 Jaw c/w insulated neutral	15 ³ / ₈	8 ⁵ / ₈	5	12 lbs.
SFC800PW	O/H	8 Jaw c/w hub closure plate	15 ³ / ₈	8 ⁵ / ₈	5	12 lbs.

- 100 Amp, 600 VOLT
- CSA enclosure 3R
- CSA approved for copper or aluminum
- Conductor range #6 - 1/0 AWG CU/AL

- Order **SXC** hubs separately
- Insulated neutral can be field added
INK 100



KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
G	1 1/4", 1 1/2", 2", 2 1/2"



JA Series

100 AMP SOCKET & BREAKER

Combination with or without Breaker

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
JA400RW	O/H & U/G	Provision for Breaker, Gauge #6 - 1/0 AWG CU/AL*†	22	7 ³ / ₈	4 ³ / ₈	21 lbs.
JA400RWT	O/H & U/G	As above, c/w 100 amp 2 pole 10 kA breaker	22	7 ³ / ₈	4 ³ / ₈	21 lbs.
JA400RWT-HI	O/H & U/G	As above, c/w 100 amp 2 pole 22kA breaker	22	7 ³ / ₈	4 ³ / ₈	21 lbs.
JA400PWT-HI	O/H	As above, c/w 100 amp 2 pole 22kA breaker	22	7 ³ / ₈	4 ³ / ₈	21 lbs.
JA000PW	O/H	Provision for Breaker, Gauge #6 - 1/0 AWG CU/AL*†	18 ³ / ₄	7 ³ / ₈	3 ¹ / ₂	15 lbs.

- 4 Jaw - 100Amp - 120/240 VOLT
- Combination meter socket & circuit breaker
- CSA weatherproof enclosure 3R
- Suitable for single phase service entrance for mobile homes, farm services, trailers, temporary services, etc.
- Bottom compartment has provision for 2 pole circuit breaker (max. 100A) Siemens (Q), BE (THQB), or Eaton (BR)

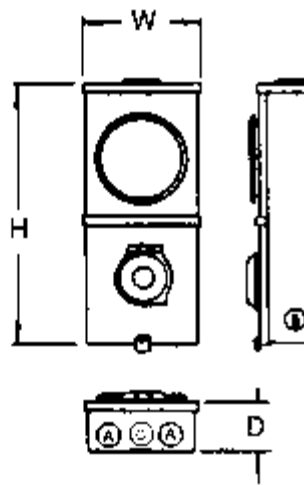
***Breaker not included (sold separately)**

†Select from table below

- Plug-in circuit breakers fully magnetic

- Use **SXK503** for 5th Jaw at 9 O'clock

KNOCKOUT CODE	CONDUIT SIZE
A	1/2", 1", 1 1/4"
C	1", 1 1/4", 1 1/2"
E	1", 1 1/4", 1 1/2", 2"



DOUBLE POLE

CAT. NO.	AMPS	RATED
MP215	15	10kA
MP220	20	10kA
MP230	30	10kA
MP240	40	10kA
MP250	50	10kA

DOUBLE POLE

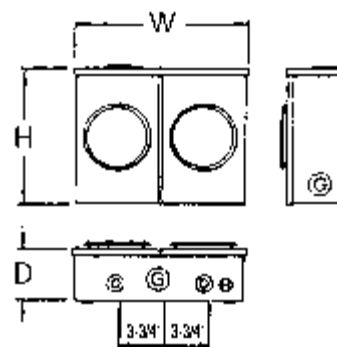
CAT. NO.	AMPS	RATED
MP260	60	10kA
MP270	70	10kA
MP211	100	10kA
MP211H	100	22kA

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SD220PW	O/H & U/G	2 gang, 200 Amp main, 100 Amp per position	12	15	5	20 lbs.
SD320PW	O/H & U/G	3 gang, 200 Amp main, 100 Amp per position	12	22 1/2	5	28 lbs.
SD420PW	O/H & U/G	4 gang, 200 Amp main, 100 Amp per position	12	30	5	36 lbs.
SD520PW	O/H & U/G	5 gang, 200 Amp main, 100 Amp per position	12	37 1/2	5	44 lbs.
SD620PW	O/H & U/G	6 gang, 200 Amp main, 100 Amp per position	12	45	5	52 lbs.

- Factory bussed - 200 Amp Mains
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- 100 Amp - 600 VOLTS per position
- CSA enclosure 3R
- Approved conductor range:
Line No. 6-250 MCM CU/AL
Load No. 6-1/0 AWG CU/AL
- Approved for overhead or underground use

- Field adaptable accessories
- 5th Jaw at 9 O'clock - **SXK503**
- For overhead order **SXC** hub separate
- Add suffix "RH" for right hand entry
- Add suffix "BC" for c/w 1 - 3" KO in the bottom

KNOCKOUT CODE	CONDUIT SIZE
D	1 1/4", 1 1/2", 2"
G	1 1/4", 1 1/2", 2", 2 1/2"
AA	1 1/2"



SD220 Conversion Kit

To convert existing SD220PW to a two load single meter, meter socket ST911 - OH

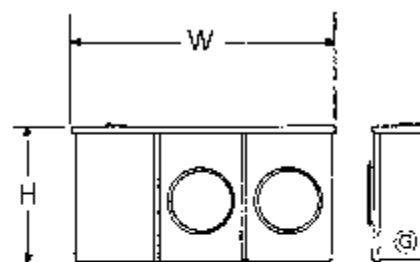
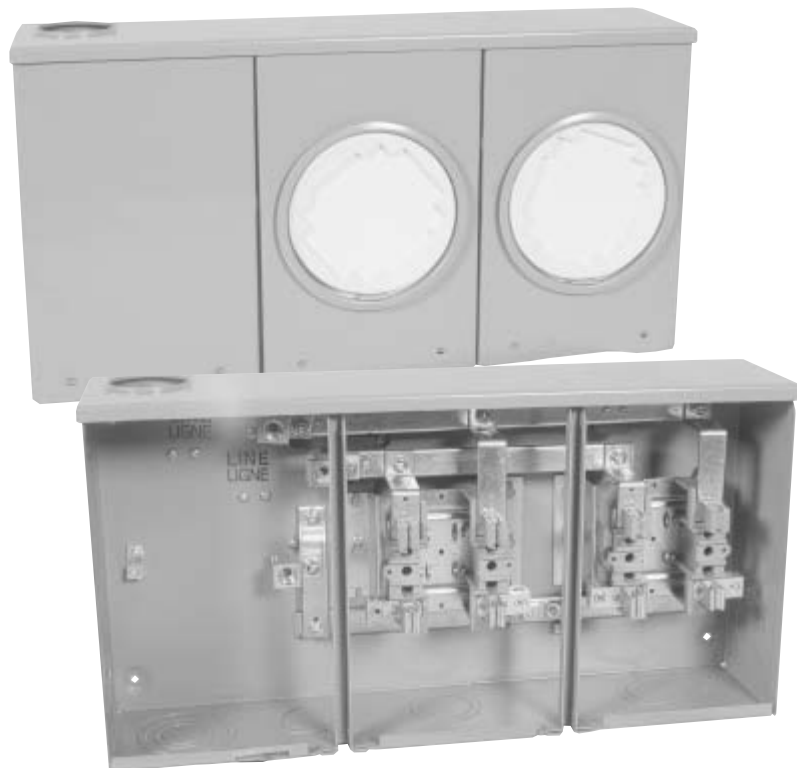
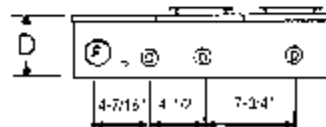
SDC Series**100 AMP - MULTI POSITION
200 Amp Mains c/w Blank Compartment**

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SDC220PW	O/H & U/G	2 gang, c/w blank compartment on left side	12	22 ¹ / ₂	5	24 lbs.
SDC320PW	O/H & U/G	3 gang, c/w blank compartment on left side	12	30	5	32 lbs.
SDC420PW	O/H & U/G	4 gang, c/w blank compartment on left side	12	37 ¹ / ₂	5	40 lbs.
SDC520PW	O/H & U/G	5 gang, c/w blank compartment on left side	12	45	5	47 lbs.
SDC620PW	O/H & U/G	6 gang, c/w blank compartment on left side	12	52	5	56 lbs.

- Factory Bussed - 200 Amp mains
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- 100 Amp - 600 VOLTS per position
- Approved conductor range:
Line No. 6-250 MCM CU/AL
Load No. 6-1/0 AWG CU/AL
- Approved for overhead or underground use

- Field adaptable accessories
- 5th Jaw at 9 O'clock - **SXK503**
- For overhead order **SXC** hub separate
- Add suffix "RH" for right hand entry
- Add suffix "BC" for c/w 1 - 3" KO in the bottom

KNOCKOUT CODE	CONDUIT SIZE
D	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2"
F	1, 1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ ", 3"
AA	1 ¹ / ₂ "

**Extra Wiring Compartment**

100 AMP - MULTI POSITION 200 Amp Mains, Compression Studs 1/2"

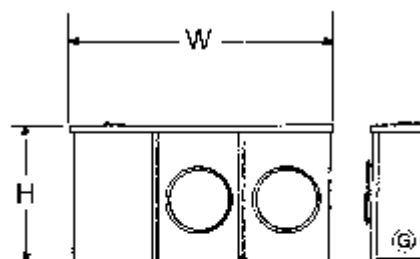
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
MCC220TW	U/G	2 gang, c/w blank compartment on left side	12	22 1/2	5	24 lbs.
MCC320TW	U/G	3 gang, c/w blank compartment on left side	12	30	5	32 lbs.
MCC420TW	U/G	4 gang, c/w blank compartment on left side	12	37 1/2	5	40 lbs.
MCC520TW	U/G	5 gang, c/w blank compartment on left side	12	45	5	47 lbs.
MCC620TW	U/G	6 gang, c/w blank compartment on left side	12	52	5	56 lbs.

- CSA enclosure 3R
- 1/2" Studs on line side
- Conductor range load size No. 6-1/0 AWG
- Compression studs on line side
- For underground use only
- Prebussed from main lugs to each position

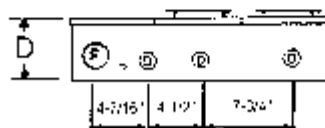
- Add suffix "-R" for right hand entry

- Add suffix "-S" for used in Saskatchewan

KNOCKOUT CODE	CONDUIT SIZE
D	1 1/4", 1 1/2", 2"
F	1, 1 1/4", 1 1/2", 2", 2 1/2", 3"
AA	1/2"



Extra Wiring Compartment

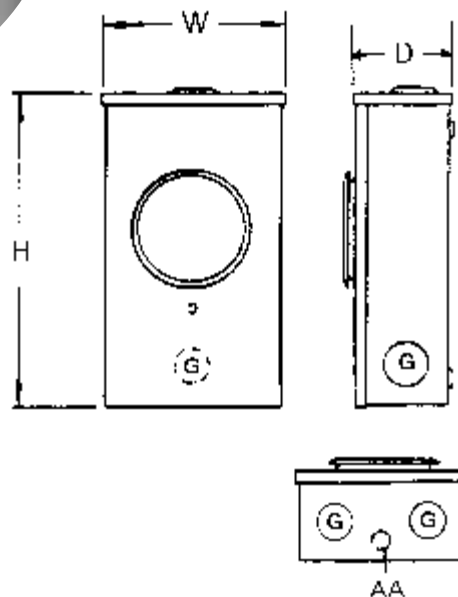
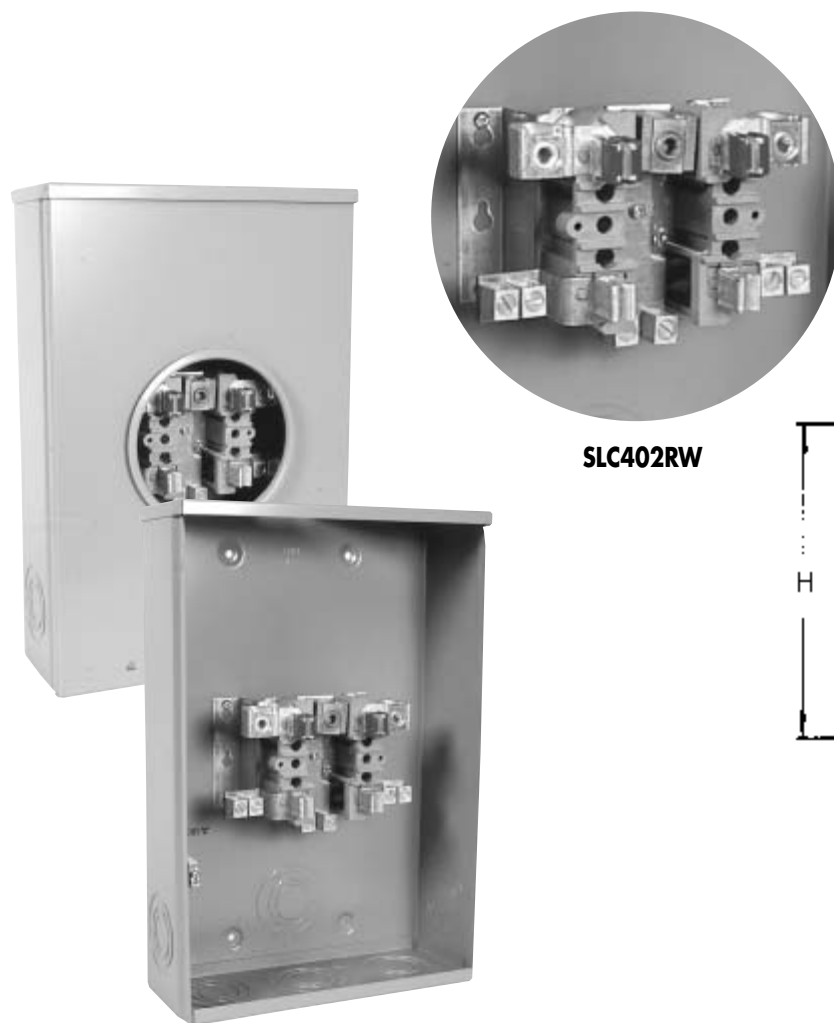


Hydel
Sicame Group**SLC Series****200 AMP - 600 VOLTS**
Lay in Lugs

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
SLC400RW	O/H & U/G	200 A with lay-in lugs	18	12	4 ³ / ₄	17 lbs.
SLC420RW	O/H & U/G	200 A c/w water heater lugs	18	12	4 ³ / ₄	17 lbs.
SLC400RWBC	O/H & U/G	200 A with lay-in lugs for British Columbia	18	12	5 ¹ / ₈	17 lbs.
SLC402RW	O/H & U/G	200 A with twin 1/0-14 lugs on load side Also approved by BC Hydro.	18	12	5 ¹ / ₈	17 lbs.

- CSA enclosure 3R
- Conductor range No. 6-250 MCM CU/AL
- Lay in type connectors makes wiring quick and easy
- 4 Jaw

KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
G	1 1/4", 1 1/2", 2", 2 1/2"
F	1", 1 1/4", 1 1/2", 2", 2 1/2", 3"

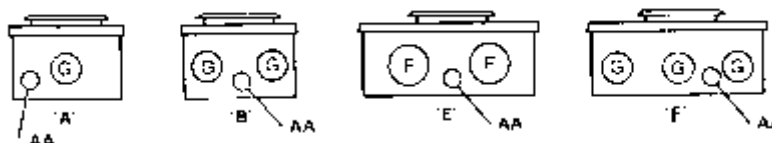
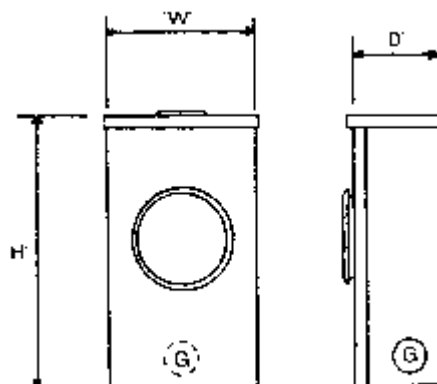


CATALOGUE #	TYPE	DESCRIPTION	KO TYPE	DIMENSIONS (IN.)			WEIGHT
				H	W	D	
EK400P	O/H & U/G	4 Jaw c/w hub plate	A	15	8 ⁵ / ₈	4 ³ / ₄	12 lbs.
EK400L	O/H & U/G	4 Jaw c/w 2" hub	A	15	8 ⁵ / ₈	4 ³ / ₄	12 lbs.
EK400D	O/H & U/G	4 Jaw c/w 2 - 2" hub	A	15	8 ⁵ / ₈	4 ³ / ₄	12 lbs.
EK400DP	O/H & U/G	4 Jaw c/w 2 - 2" hub plates, twin opening	A	15	8 ⁵ / ₈	4 ³ / ₄	12 lbs.
EK400T	U/G	4 Jaw, underground	B	15	8 ⁵ / ₈	4 ³ / ₄	12 lbs.

- CSA enclosure 3R
- Barrel type connectors angled at 45°
- Conductor range No. 6 -250 MCM CU/AL
- Lay-in neutral (can be used with unbroken neutral wire)
- Add suffix "NS" for ground lug on neutral for New Brunswick only.
PART # ZMS07051433 Ground Neutral Assembly

- Field adaptable accessories
- 5th Jaw at 9 O'clock **SXK503**
- 5th Jaw at 6 O'clock **INK501**
- Insulated neutral **INK200**

KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
G	1 1/4", 1 1/2", 2", 2 1/2"
F	1", 1 1/4", 1 1/2", 2", 2 1/2", 3"



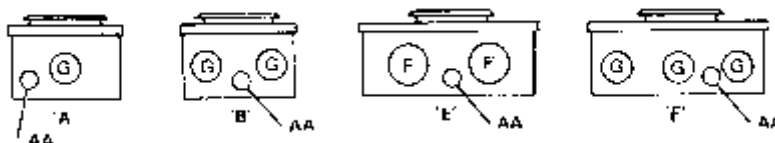
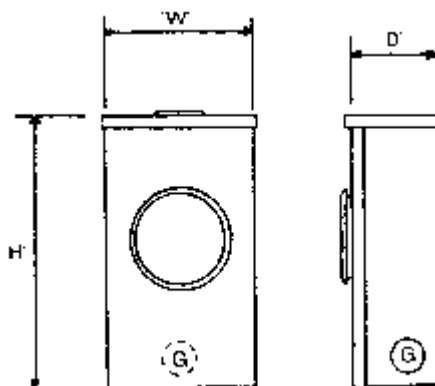
Hydel
Sicame Group**EK Series****200 AMP - 600 VOLTS
Oversize Enclosure**

CATALOGUE #	TYPE	DESCRIPTION	KO TYPE	DIMENSIONS (IN.)			WEIGHT
				H	W	D	
EK400RO	O/H & U/G	4 Jaw, oversize enclosure	F	18	12	4 ³ / ₄	15 lbs.
E400RO	O/H & U/G	4 Jaw, straight lugs on line side	F	18	12	4 ³ / ₄	15 lbs.
EK400TO	U/G	4 Jaw, underground oversize enclosure	F	18	12	4 ³ / ₄	15 lbs.
EK400ROBC	O/H & U/G	4 Jaw, c/w 3" KO in bottom	E	18	12	5 ¹ / ₈	15 lbs.
EK200XL	O/H & U/G	4 Jaw, 350MCM type connectors on line side	E	22 ¹ / ₄	16 ¹ / ₂	4 ³ / ₄	22 lbs.
EK200XLD	O/H & U/G	4 Jaw, 350MCM type connectors on line side, 4-1/2" in top hub opening	E	22 ¹ / ₄	16 ¹ / ₂	4 ³ / ₄	22 lbs.

- CSA enclosure 3R
- Barrel type connectors angled at 45°
- Conductor range No. 6 -250 MCM CU/AL
- Lay-in neutral (can be used with unbroken neutral wire)
- Add suffix NS for ground lug on neutral for New Brunswick only

- Field adaptable accessories
- 5th Jaw at 9 O'clock **SXK503**
- 5th Jaw at 6 O'clock **INK501**
- Insulated neutral **INK200**

KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
G	1 1/4", 1 1/2", 2", 2 1/2"
F	1", 1 1/4", 1 1/2", 2", 2 1/2", 3"



MSC Series

200 AMP - 600 VOLTS 1/2" Compression Studs

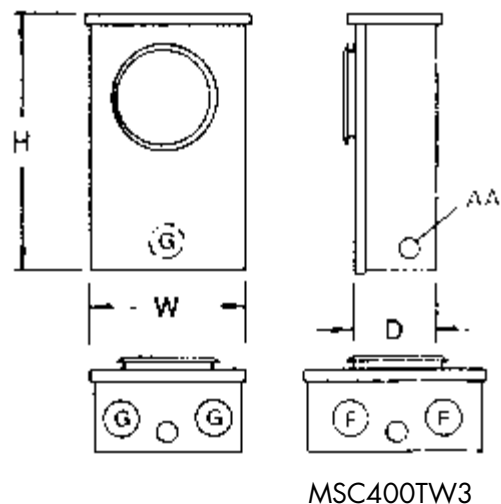
Hydel
Sicame Group

METER
SOCKETS

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
MSC400TW	U/G	4 Jaw, c/w 1/2 Comp. studs, 2 x 2 1/2" KO's	18	12	4 3/4	17 lbs.
MSC400TW3	U/G	4 Jaw, c/w 1/2 Comp. studs, 2 x 3" KO's	18	12	5 1/8	17 lbs.
MSC400TW-SF	U/G	4 Jaw, c/w 1/2 Comp. studs & sub feed lugs 1/0-14	18	12	4 3/4	17 lbs.
MSC400TW-ON	U/G	4 Jaw, c/w 1/2 Comp. studs, 3 x 2 1/2" KO's	18	12	4 3/4	17 lbs.
MSC402TW	U/G	4 Jaw, c/w 1/2 Comp. studs & twin 1/0-14 lugs on load side	18	12	4 3/4	17 lbs.

- CSA enclosure 3R
- Conductor range load size No. 6 - 250 MCM CU/AL
- 1/2" line studs provided for compression type wire connectors
- For underground use only

KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
G	1 1/4", 1 1/2", 2", 2 1/2"
F	1", 1 1/4", 1 1/2", 2", 2 1/2", 3"



Hydel
Sicame Group**STC Series****200 AMP - 7 JAW****Polyphase 3PH - 4 Wire Meter**

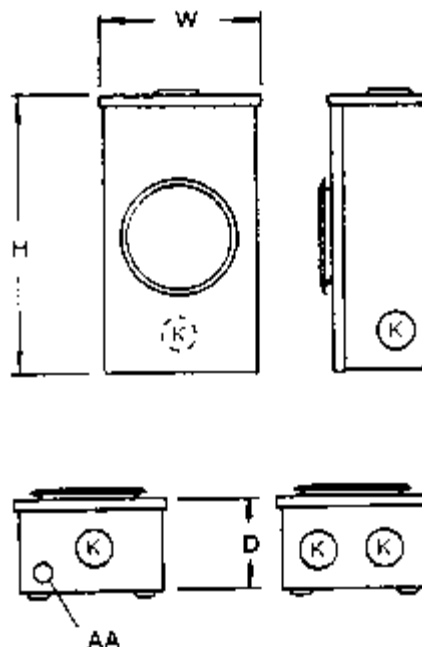
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
STC700PK	O/H	7 Jaw, c/w hub closure plate	21 ¹ / ₂	10 ¹ / ₈	5 ¹ / ₈	21 lbs.
STC703PK	O/H	7 Jaw, c/w insulated neutral	21 ¹ / ₂	10 ¹ / ₈	5 ¹ / ₈	21 lbs.
STC700RK	O/H & U/G	7 Jaw, c/w hub closure plate	21 ¹ / ₂	12	5 ¹ / ₈	22 lbs.
STC703RK	O/H & U/G	7 Jaw, c/w insulated neutral	21 ¹ / ₂	12	5 ¹ / ₈	22 lbs.

- 200 Amp, 600 VOLT
- CSA enclosure 3R
- CSA approved for copper or aluminum
- Conductor range #6 -250 MCM CU/AL

- For overhead installations order **HD** hubs separately
- Field adapted insulated neutral **INK200**



KNOCKOUT CODE	CONDUIT SIZE
AA	1/2"
K	2", 2 1/2", 3"



For permanent by-pass
use JC6B jumper cover

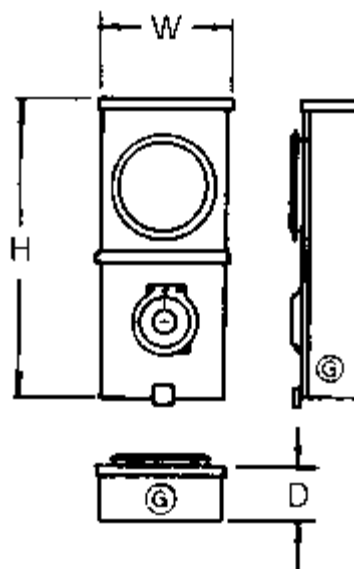
200 AMP SOCKET & BREAKER Combination with or without breaker

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
JA402P	O/H	4 Jaw c/w 200 Amp breaker	25 ¹ / ₈	10 ¹ / ₈	5 ¹ / ₄	25 lbs.
JA402P-LB	O/H	as above, less breaker	25 ¹ / ₈	10 ¹ / ₈	5 ¹ / ₄	24 lbs.
JA402R	O/H & U/G	4 Jaw c/w 200 Amp breaker	29	12	5 ¹ / ₄	25 lbs.
JA402R-LB	O/H & U/G	as above, less breaker	29	12	5 ¹ / ₄	24 lbs.

- 200 Amp - 120/240 VOLT
- Combination meter socket & circuit breaker
- CSA enclosure 3R
- Conductor range #6 - 250 MCM CU/AL
- Suitable for temporary service, farm service, trailers, recreational parks, commercial and residential locations.
- Service entrance rated

- Also available with 125 Amp breaker or 150 Amp breaker upon request
- Also available less breaker
- Add suffix "-HI" for 22kA interrupting Rating Breaker

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "

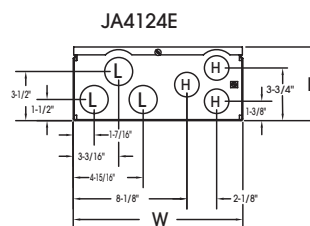
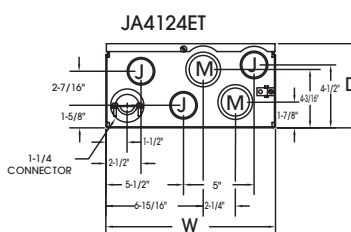
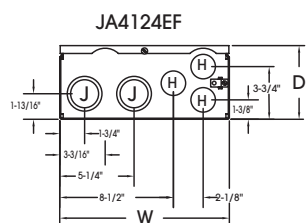
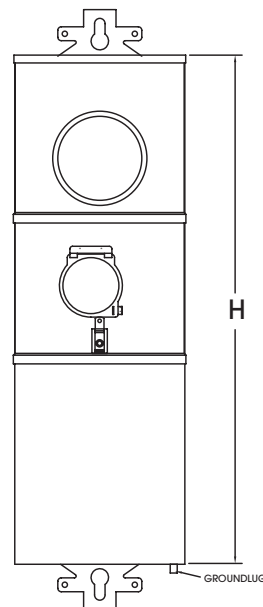
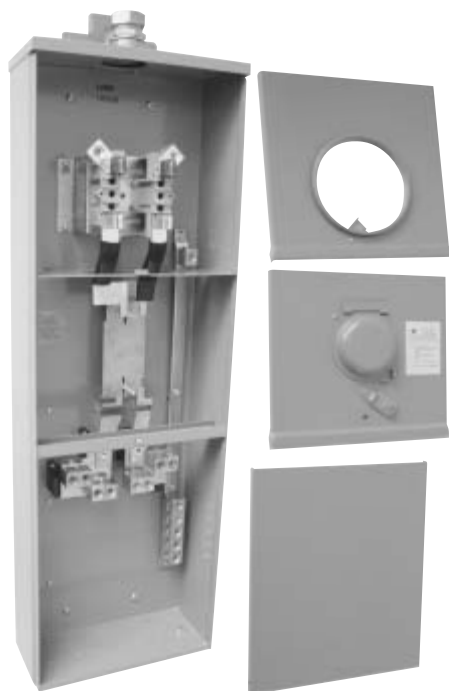


JA Series**200 AMP SOCKET & BREAKER****Single Phase, Splitter, comb. without breaker**

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
JA4124E	O/H	4 Jaw , Provision for field-installed Cutler Hammer 200A 2 Pole 10kA rated circuit breaker, provision for Pole Mounting	36 ⁵ / ₁₆	12	5 ¹ / ₄	38 lbs.
JA4124E-T	U/G	4 Jaw , Provision for field-installed Cutler Hammer 200A 2 Pole 10kA rated circuit breaker, c/w Pole Mounting Brackets	36 ⁵ / ₁₆	12	6	38 lbs.
JA4124EF	O/H & U/G	4 Jaw , Provision for field-installed Cutler Hammer 200A 2 Pole 10kA rated circuit breaker, c/w Pole Mounting Brackets	36 ⁵ / ₁₆	12	5 ¹ / ₄	39 lbs.

- 200 Amp - 120/240 VOLT
- Combination meter socket & circuit breaker
- CSA enclosure 3R
- Conductor range #6 - 250 MCM CU/AL
- Cutler Hammer breaker to be field installed

KNOCKOUT CODE	CONDUIT SIZE
H	1 ¹ / ₄ "
J	1 ¹ / ₄ ", 1 ¹ / ₂ "
L	1 ¹ / ₂ "
M	1 ¹ / ₂ ", 2"



200 AMP - MULTI POSITION 200 Amp Main 100 Amp per position

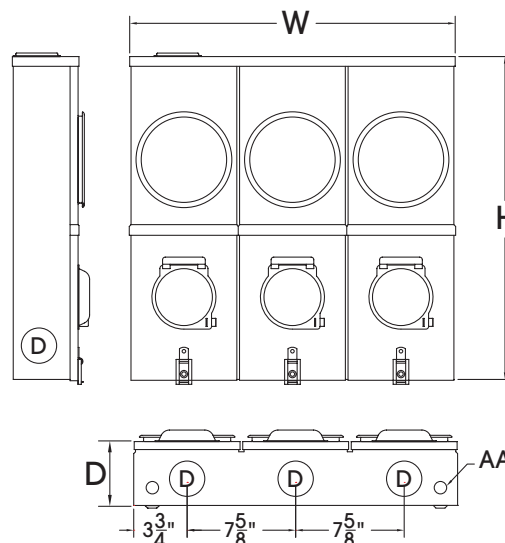
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
JA220PW	O/H	2 gang, c/w provision for 100 Amp circuit breaker	22 ³ / ₄	15 ¹ / ₄	4 ³ / ₈	32 lbs.
JA220P-B	O/H	2 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	15 ¹ / ₄	4 ³ / ₈	34 lbs.
JA220P-HI	O/H	2 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	15 ¹ / ₄	4 ³ / ₈	34 lbs.
JA320PW	O/H	3 gang, c/w provision for circuit breaker	22 ³ / ₄	23	4 ³ / ₈	47 lbs.
JA320P-B	O/H	3 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	23	4 ³ / ₈	49 lbs.
JA320P-HI	O/H	3 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	23	4 ³ / ₈	49 lbs.
JA420PW	O/H	4 gang, c/w provision for circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	62 lbs.
JA420P-B	O/H	4 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	64 lbs.
JA420P-HI	O/H	4 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	64 lbs.

- Factory Bussed - 200 Amp Mains - 120/240 VOLT
- 2 - 4 position horizontal
- CSA enclosure 3R
- Conductor range #6 - 250 MCM CU/AL
- Supplied with screw type meter ring
- Bottom compartment has provision or c/w 2 pole circuit breaker (max 100 A) Siemens, GE, Eaton
- Approved for Overhead installation only, tunnel type connectors
- Add suffic "-RH" for right hand entry

- Add suffix "-L" for padlockable latch on the blank compartment
- Add suffix "-RH" for right hand entry



KNOCKOUT CODE	CONDUIT SIZE
D	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2"
AA	1 ¹ / ₂ "



JAU Series

200 AMP - MULTI POSITION

200 Amp Main 100 Amp per position

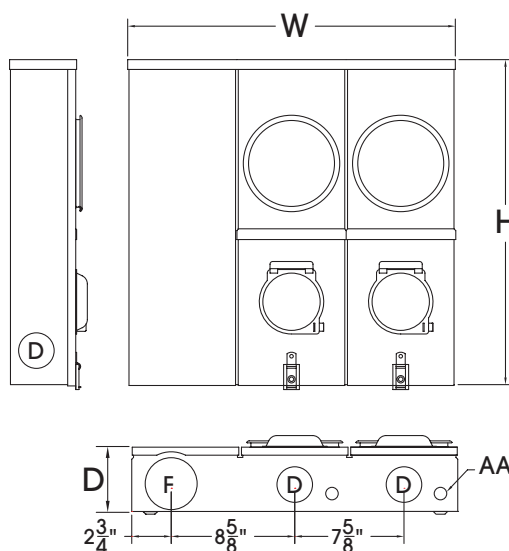
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
JAU220PW	U/G	2 gang, c/w provision for 100 Amp circuit breaker	22 ³ / ₄	23	4 ³ / ₈	40 lbs.
JAU220P-B	U/G	2 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	23	4 ³ / ₈	42 lbs.
JAU220P-HI	U/G	2 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	23	4 ³ / ₈	42 lbs.
JAU320PW	U/G	3 gang, c/w provision for circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	55 lbs.
JAU320P-B	U/G	3 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	57 lbs.
JAU320P-HI	U/G	3 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	30 ³ / ₄	4 ³ / ₈	57 lbs.
JAU420PW	U/G	4 gang, c/w provision for circuit breaker	22 ³ / ₄	38 ¹ / ₂	4 ³ / ₈	70 lbs.
JAU420P-B	U/G	4 gang, c/w 100 Amp 10kA rate circuit breaker	22 ³ / ₄	38 ¹ / ₂	4 ³ / ₈	72 lbs.
JAU420P-HI	U/G	4 gang, c/w 100 Amp 22kA rate circuit breaker	22 ³ / ₄	38 ¹ / ₂	4 ³ / ₈	72 lbs.

- Factory Bussed - 200 Amp Mains - 120/240 VOLT
- 2 - 4 position horizontal
- CSA enclosure 3R
- Conductor range #6 - 250 MCM CU/AL
- Supplied with screw type meter ring
- Bottom compartment has provision or c/w 2 pole circuit breaker (max 100 A) Siemens, GE, Eaton
- Approved for underground installation only, 1/2" studs on line side, with blank wiring compartment

- Add suffix "L" for padlockable latch on the blank compartment

- Add suffix "RH" for right hand entry

KNOCKOUT CODE	CONDUIT SIZE
D	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2"
F	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ ", 3"
AA	1 ¹ / ₂ "



H2O Series

200 AMP - MULTI POSITION 200 Amp Main

Hydel
Sicame Group

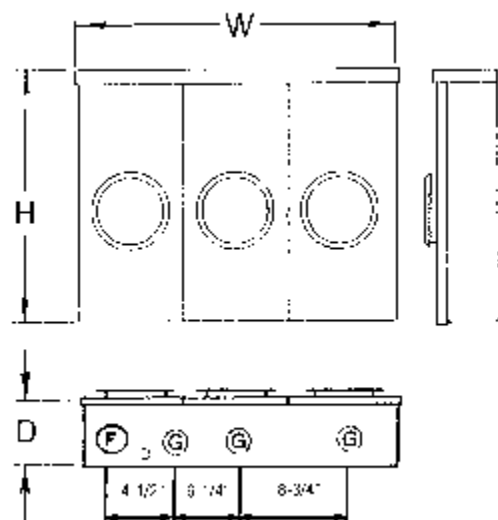
METER
SOCKETS

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
H22R	O/H & U/G	2 gang, 200 Amp main, 200 Amp per position	15 ¹ / ₈	17 ⁷ / ₁₆	5 ¹ / ₈	42 lbs.
H23R	O/H & U/G	3 gang, 200 Amp main, 200 Amp per position	15 ¹ / ₈	26 ³ / ₁₆	5 ¹ / ₈	58 lbs.
H24R	O/H & U/G	4 gang, 200 Amp main, 200Amp per position	15 ¹ / ₈	34 ¹⁵ / ₁₆	5 ¹ / ₈	74 lbs.

- Factory Bussed - 200 Amp Mains
- 4 Jaw meter socket
- 200 Amp - 600 Volts per position
- CSA enclosure 3R
- Approved conductor range:
Line 6-250 MCM AWG CU/AL
Load No. 6-250 MCM AWG

- Order **SXC** hubs separate
- Approved for overhead or underground use
- Add suffix "H" for right hand entry

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
AA	1 ¹ / ₂ "
F	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ ", 3"



HC20 Series

200 AMP -MULTI POSITION

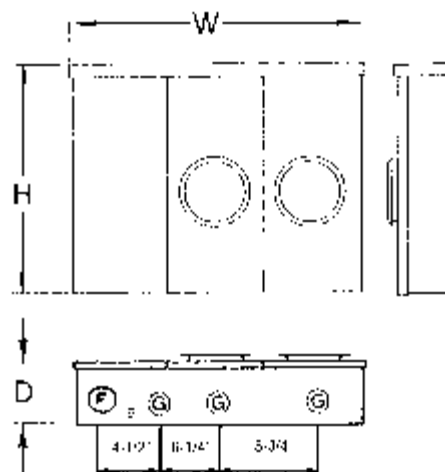
200 Amp Main c/w Blank Compartment

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
HC22R	O/H & U/G	2 gang, 200 Amp main, 200 Amp per position	15 ¹ / ₈	26 ³ / ₁₆	5 ¹ / ₈	46 lbs.
HC23R	O/H & U/G	3 gang, 200 Amp main, 200 Amp per position	15 ¹ / ₈	34 ¹⁵ / ₁₆	5 ¹ / ₈	62 lbs.
HC24R	O/H & U/G	4 gang, 200 Amp main, 200Amp per position	15 ¹ / ₈	43 ¹¹ / ₁₆	5 ¹ / ₈	78 lbs.

- Blank compartment on left side for underground
- Factory Bussed - 200 Amp Mains
- 4 Jaw meter socket
- 200 Amp - 600 Volts per position
- CSA enclosure 3R
- Approved conductor range:
Line 6-250 MCM AWG CU/AL
Load No. 6-250 MCM AWG

- Order **SXC** hubs separate
- Approved for overhead or underground use
- Use **SXK503** for 5th jaw at 9 O'clock
- Add suffix "H" for right hand entry

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
AA	1 ¹ / ₂ "
F	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ ", 3"



MSC20 Series

200 AMP - MULTI POSITION 1/2" STUDS 200 Amp Main c/w Blank Compartment

Hydel
Sicame Group

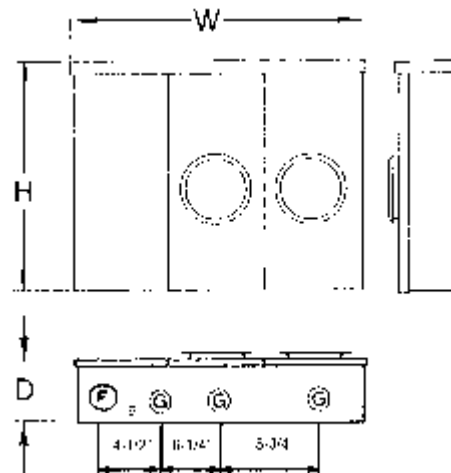
METER
SOCKETS

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
MSC22R	U/G	2 gang, c/w 1/2" compression studs	15 1/8	26 3/16	5 1/8	53 lbs.
MSC23R	U/G	3 gang, c/w 1/2" compression studs	15 1/8	34 15/16	5 1/8	70 lbs.
MSC24R	U/G	4 gang, c/w 1/2" compression studs	15 1/8	43 11/16	5 1/8	88 lbs.

- Factory Bussed 200 Amp Mains
- 200 Amp, 600 VOLT per position
- 2 - 4 position horizontal
- 4 Jaw meter sockets
- CSA weatherproof enclosure 3R
- Approved conductor range
- Line - studs (two 1/2" per phase)
- Provided for compression type wire connectors
- Load - #6 - 250 MCM CU/AL

- Underground ONLY
- Use **SXC022** for water heater lug kit
- Add suffix "H" for right hand entry

KNOCKOUT CODE	CONDUIT SIZE
G	1 1/4", 1 1/2", 2", 2 1/2"
AA	1/2"
F	1 1/4", 1 1/2", 2", 2 1/2", 3"



H40 Series

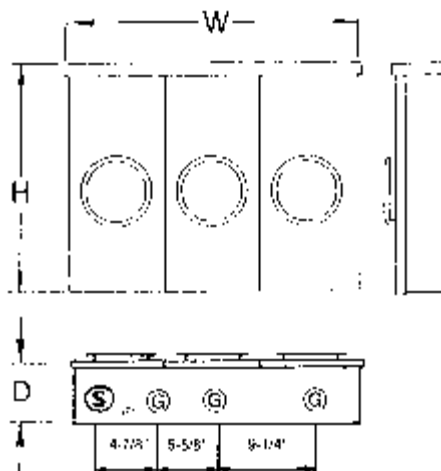
200 AMP - MULTI POSITION 400 Amp Main

CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
H42R	O/H & U/G	2 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	18 ⁹ / ₁₆	6 ¹ / ₈	42 lbs.
H43R	O/H & U/G	3 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	27 ¹³ / ₁₆	6 ¹ / ₈	58 lbs.
H44R	O/H & U/G	4 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	37 ¹ / ₁₆	6 ¹ / ₈	74 lbs.
H45R	O/H & U/G	5 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	46 ⁵ / ₁₆	6 ¹ / ₈	87 lbs.
H46R	O/H & U/G	6 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	55 ⁹ / ₁₆	6 ¹ / ₈	104 lbs.

- Double entrance holes (top)
- Factory bussed 400 Amp Mains
- 200 Amp, 600 VOLT per position
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- CSA weatherproof enclosure 3R
- Approved conductor range:
Line 1 - No. 2 - 600 MCM CU/AL
or Two - 1/0 - 250 MCM CU/AL
Load No. 6 - 250 MCM CU/AL

- For overhead order **HD** Series hub separate
- Add suffix "H" for right hand entry
- Approved for overhead and underground installations
- Use **SXK503** for 5th jaw at 9 O'clock
- Use **SXC022** for water heater lug kit

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
S	3", 3 ¹ / ₂ ", 4"
AA	1 ¹ / ₂ "



HC40 Series

200 AMP - MULTI POSITION 400 Amp Main c/w Blank Compartment

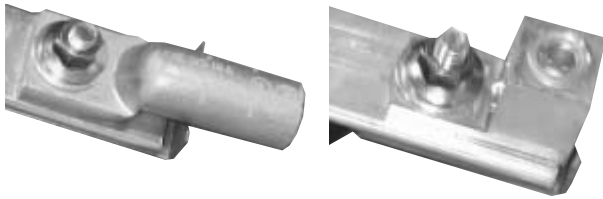
Hydel
Sicame Group

METER
SOCKETS

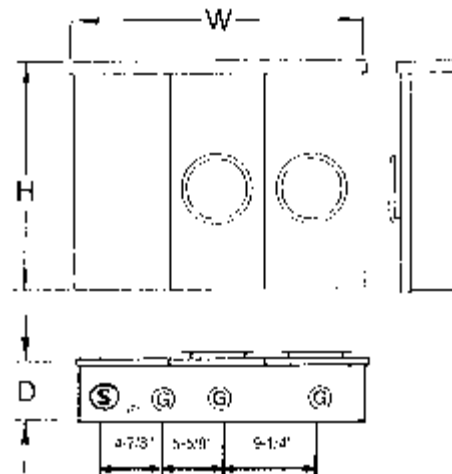
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
HC42R	O/H & U/G	2 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	27 ¹³ / ₁₆	6 ¹ / ₈	48 lbs.
HC43R	O/H & U/G	3 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	37 ¹ / ₁₆	6 ¹ / ₈	65 lbs.
HC44R	O/H & U/G	4 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	46 ⁵ / ₁₆	6 ¹ / ₈	83 lbs.
HC45R	O/H & U/G	5 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	55 ⁹ / ₁₆	6 ¹ / ₈	103 lbs.
HC46R	O/H & U/G	6 gang, 400 Amp main, 200 Amp per position	22 ¹³ / ₁₆	64 ¹³ / ₁₆	6 ¹ / ₈	121 lbs.

- Double entrance holes (top)
- Factory Bussed 400 Amp Mains
- 200 Amp, 600 VOLT per position
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- CSA weatherproof enclosure 3R
- Approved conductor range:
Line 1 No. 2 - 600 MCM CU/AL
or two - 1/0 - 250 MCM CU/AL
Load No. 6 - 250 MCM CU/AL
- May be field converted for use with single stud 500 mcm

- For overhead order **HD** series hub separate
- Add suffix "H" for right hand entry
- Approved for overhead & underground installations
- Use **SXK503** for 5th jaw at 9 O'clock



KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
S	3", 3 ¹ / ₂ ", 4"
AA	1 ¹ / ₂ "



MSC40 Series

200 AMP - MULTI POSITION STUD TYPE 400 Amp Main c/w Blank Compartment

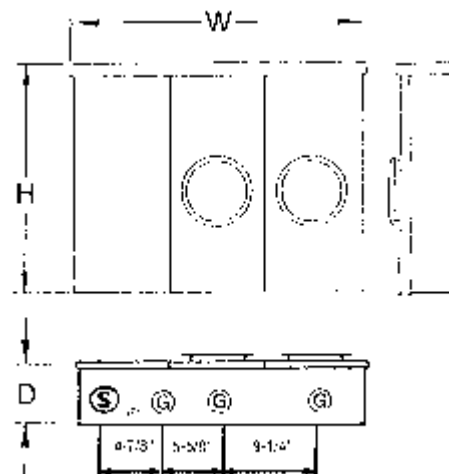
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
MSC42TW	U/G	2 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	27 ¹³ / ₁₆	6 ¹ / ₈	48 lbs.
MSC43TW	U/G	3 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	37 ¹ / ₁₆	6 ¹ / ₈	65 lbs.
MSC44TW	U/G	4 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	46 ⁵ / ₁₆	6 ¹ / ₈	83 lbs.
MSC45TW	U/G	5 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	55 ⁹ / ₁₆	6 ¹ / ₈	103 lbs.
MSC46TW	U/G	6 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	64 ¹³ / ₁₆	6 ¹ / ₈	121 lbs.

* Also available with two (2) blank compartments (see MSC800 Series)

- Factory Bussed 400 Amp Mains
- 200 Amp, 600 VOLT per position
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- CSA weatherproof enclosure 3R
- Approved conductor range:
Line - studs (1/2" per phase) provided
for compression type wire connectors
Load - #6 - 250 MCM CU/AL
- Underground only

- Use **SXK503** for 5th jaw at 9 O'clock
- Add suffix "H" for right hand entry

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
S	3", 3 ¹ / ₂ ", 4"
AA	1 ¹ / ₂ "



MSC800 Series

Hydel
Sicame Group

**METER
SOCKETS**

200 AMP - MULTI POSITION STUD TYPE 400 Amp Mains c/w 2 Blank Compartments

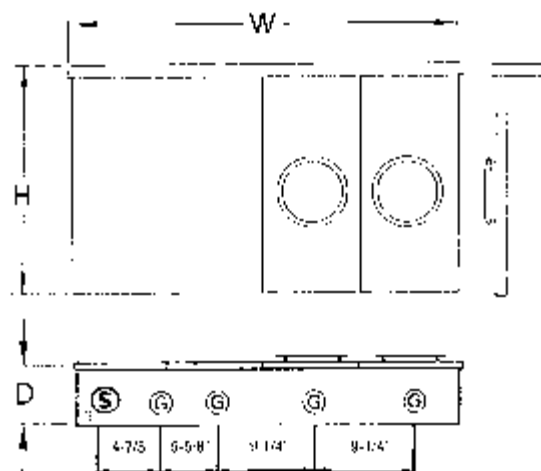
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
MSC820TW	U/G	2 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	37 ¹ / ₁₆	6 ¹ / ₈	53 lbs.
MSC830TW	U/G	3 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	46 ⁵ / ₁₆	6 ¹ / ₈	70 lbs.
MSC840TW	U/G	4 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	56 ¹ / ₈	6 ¹ / ₈	88 lbs.
MSC850TW	U/G	5 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	65	6 ¹ / ₈	108 lbs.
MSC860TW	U/G	6 gang, c/w 1/2" Compression studs	22 ¹³ / ₁₆	74 ⁵ / ₈	6 ¹ / ₈	126 lbs.

*** Also available with one (1) blank compartment (see MSC40 Series)**

- Factory Bussed 400 Amp Mains
- 200 Amp, 600 VOLT per position
- 2 - 6 position horizontal
- 4 Jaw meter sockets
- CSA weatherproof enclosure 3R
- Approved conductor range:
Line - studs (two 1/2" per phase) provided
for compression type wire connectors
Load - #6 - 250 MCM CU/AL
- Underground only

- Add suffix "H" for right hand entry
- Use **SXK503** for 5th jaw at 9 O'clock

KNOCKOUT CODE	CONDUIT SIZE
G	1 ¹ / ₄ ", 1 ¹ / ₂ ", 2", 2 ¹ / ₂ "
S	3", 3 ¹ / ₂ ", 4"
AA	1/2"



EK320 Series

320 AMP METER MOUNTING DEVICE With bypass mechanism: OH/UG

CATALOGUE #	TYPE	LINE LUGS	LOAD LUGS	DIMENSIONS (IN.)			WEIGHT
				H	W	D	
EK320RO	O/H & U/G	4 600 MCM or 2 250 MCM - 1/0	4 600 MCM or 2 250 MCM - 1/0	38 ⁷ / ₁₆	18 ⁵ / ₈	6 ¹³ / ₁₆	66 lbs.
EK320RO1	O/H & U/G	2 350 MCM - 6	2 350 MCM - 6	38 ⁷ / ₁₆	18 ⁵ / ₈	6 ¹³ / ₁₆	66 lbs.
EK320RO2	O/H & U/G	4 600 MCM or 2 250 MCM - 1/0	2 350 MCM - 6	38 ⁷ / ₁₆	18 ⁵ / ₈	6 ¹³ / ₁₆	66 lbs.

320A, 600 Volt, single phase service

- For only underground with 1/2 studs
please contact Hydel

- CSA aproved & complies to
CSA C22.2 No 115-20
- Self contained meter socket with
bypass mechanism
- Combination unit : Overhead/Underground
- Weather proof 3R enclosure with ANSI 61
grey color
- All Safety Interlocks as per CSA and instruction labels on unit
- Supplied with CSA approved 320A jumper bars
- Lexan shield for additional barriers and helps
to guide in the meter
- Insulated safety sheet immediately after removal of cover
- Barriers & meter guide for easy installation
- Heavy duty stainless steel body sealing ring
- Bypass mechanism is accessible to authorized persons only
with main covers closed and with standard 3/8" hex key
- Grounded neutral as default feature can be easily converted
insulated neutral by just removing bonding strap at site

KNOCKOUT CODE	CONDUIT SIZE
A	2", 2 1/2", 3, 3 1/2", 4"



EK320 Series

320 AMP METER MOUNTING DEVICE
With bypass mechanism: OH/UG

Hydel
Sicame Group

**METER
SOCKETS**



Hydel
Sicame Group

CT4 Series

400 AMP METER SOCKET 120/240 VOLT, Single Phase



CT4-TS

- Overhead/Underground
- Tunnel lug kit supplied for overhead service LK250, LK500, LK750 upon request
- Line side - double $\frac{1}{2}$ " studs to accommodate compression lugs for underground service (1 x 500 MCM or 2 x 250 MCM)
Load side - one #4 - 600 MCM
or two 1/0 - 250 MCM tunnel type connectors
Neutral - $\frac{1}{2}$ " studs to accept two 500 MCM compression type lugs
- lugs, one #4 - 600 MCM or
two 1/0 - 250 MCM
- Dimensions, 30" x 20" x 8" or 36" x 20" x 8"
Weight, 75 lbs. or 80 lbs.
Ko's 3" - 3 $\frac{1}{2}$ ", 4"
- CSA approved

400 AMP METER SOCKET 120/240 VOLT, Single Phase

CATALOGUE #	ENCL. SIZE	JAWS	BY-PASS	CT RATIO	TEST SWITCH	WIRE	REGION
CT4	36"	5	Yes	No	No	Yes	Ontario
CT4-2	36"	5	Yes	200:5	No	Yes	Ontario
CT4-3	36"	5	Yes	300:5	No	Yes	Ontario
CT4-4	36"	5	Yes	400:5	No	Yes	Ontario
CT4-M	36"	4	Yes	No	No	Yes	Ontario
CT4-TS	30"	4	No	400:5	Yes	Yes	Ontario
CT4-TS-OT	30"	4	Yes	No	Yes	No	Ottawa
CT4-TS5	36"	5	Yes	400:5	Yes	Yes	Ontario
CT4-TSHO	36"	5	No	No	Yes	Yes	Hydro One
CT4-TSMB	36"	5	No	No	Yes	Yes	Manitoba
CT4-TSB	30"	5	Yes	400:5	Yes	Yes	Ontario
CT4-TSB-NB	30"	5	No	400:5	Yes	Yes	New Brunswick
CT4-TSB-PE	30"	5	No	300:5	Yes	Yes	P.E.I.
CT4-TSB-PE7	36"	5	No	300:5	Yes	Yes	P.E.I.
CT4-TSB2	30"	5	Yes	200:5	Yes	Yes	Ontario
CT4-TSB3	30"	5	Yes	300:5	Yes	Yes	Ontario
CT4-BC	36"	5	No	No	No	No	British Columbia
CT4-BC-INK	36"	5	No	No	No	No	British Columbia
CT4-NS	30"	4	No	No	No	Yes	Nova Scotia
CT4-NS7	36"	4	No	No	No	Yes	Nova Scotia
CT4-S	36"	5	Yes	No	No	Yes	Saskatchewan
	Accessories						
CT4-PMK	Pole Bracket for 30" enclosure						
CT4-PMK36	Pole Bracket for 36" enclosure						
	Overhead Service Conversion Kits supplied on request						
LK250	Twin 250 MCM lug kit						
LK500	Single 500 MCM lug kit						
LK750	Single 750 MCM lug kit						

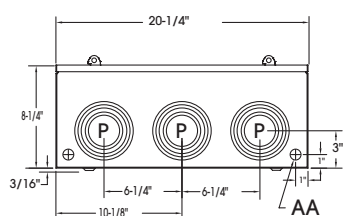
- Overhead/Underground
- Hub plate supplied for underground service
- Lug kit supplied separately for overhead service
- Line side - double 1/2" studs to accommodate compression lugs for underground service (1 x 500 MCM or 2 x 250 MCM)
Load side - one #4 - 600 MCM or two 1/0 - 250 MCM tunnel type connectors
Neutral - 1/2" studs to accept one 500 MCM compression type lugs
- lugs, one #4 - 600 MCM or two 1/0 - 250 MCM
- CT, three wire current transformer provides low current for service metering proportional to higher current draw approved by CCA Canada
- CSA approved

CT4 Series**400 AMP METER SOCKET****120/240 VOLT, Single Phase c/w circuit breaker**

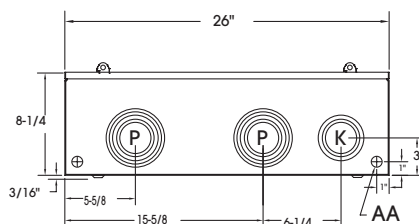
CATALOGUE #	TYPE	DESCRIPTION	DIMENSIONS (IN.)			WEIGHT
			H	W	D	
CT4-WS-BC	U/G	5 Jaw, c/w 400 AMP 65kA rated circuit breaker	42	26	8 ¹ / ₄	110 lbs.
CT4-WSOH-BC	O/H	5 Jaw, c/w 400 AMP 65kA rated circuit breaker	50	16	8 ¹ / ₄	68 lbs.
CT4PMK-WS		Accessories Pole Bracket for CT4-WS-BC				
CT4PMKWSOH		Pole Bracket for CT4-WSOH-BC				

- 400 Amp - 120/240 VOLT
- All in One Transformer Rated
- Combination meter socket & Siemens 400A 240V 65 KA breaker
- CSA enclosure 3R
- Load and line side terminations:
tunnel type connectors, dual rated for
1 x 600 kcmil or 2 x 250 kcmil
- Provision for test switch *(Supplied by Hydro)*
- Provision for current transformer *(Supplied by Hydro)*
- Secondary circuit wiring not included *(secondary circuit wired by Hydro)*

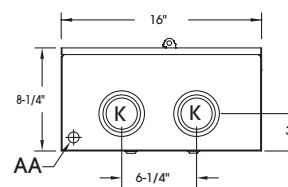
KNOCKOUT CODE	CONDUIT SIZE
K	2", 2 ¹ / ₂ ", 3"
P	2", 2 ¹ / ₂ ", 3", 3 ¹ / ₂ ", 4"
AA	1 ¹ / ₂ "



CT4-SERIES



CT4-WS



CT4-WSOH

Panel Mounting Socket

TAYLOR FUSE PULLOUTS

Hydel
Sicame Group

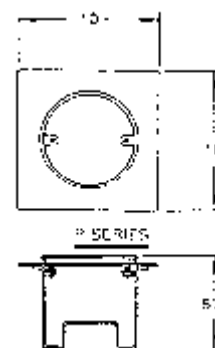
**METER
SOCKETS**

	RING STYLE SOCKET MOUNTED ON DIE CAST RING		PLATE STYLE SOCKET MOUNTED ON 10" X 10" 16 GA STEEL PLATE COVER	
DESCRIPTION	CAT. #	COLUMN DESCRIPTION	CAT. #	COLUMN DESCRIPTION
100 Amp - 600 Volt #6 - 1/0 AWG CU/AL	R4-1	4 Jaw	P4-1	4 Jaw
	R5-1	5 Jaw	P5-1	5 Jaw
	R7-1	6 O'clock 7 Jaw	P7-1	6 O'clock 7 Jaw
200 Amp - 600 VOLT #6 - 250 MCM CU/AL	R4-2	4 Jaw	P4-2	4 Jaw
	R5-2	5 Jaw	P5-2	5 Jaw
	R7-2	6 O'clock 7 Jaw	P7-2	6 O'clock 7 Jaw
Transformer rated units 20 Amps - 600 VOLTS #14 - #8 CU	R8	8 Jaw	P8	8 Jaw
	R13	13 Jaw	P13	13 Jaw
	R139	13 Jaw c/w by-pass	P139	13 Jaw c/w by-pass



WEIGHT

100 Amp - 8 lbs.
200 Amp - 10 lbs.



Retrofits Taylor

TAYLOR FUSE PULLOUTS	CAT. #	POLES	AMPS	DESCRIPTION
ADDING/REPLACEMENT MODULES NHP Fuse Panel Series and HP (Combination) Service Entrance Panel Series   	215	2-SP	30	Module
	130A	1-2P 1-2P	30 30	Base Pullout
	160	1-2P 1-2P	60 60	Base Pullout

Hydel **Accessories**

Sicame Group

HUBS / PLATES

Interchangeable Hubs for 2 1/2" Hub Opening

CATALOGUE #	DESCRIPTION	WEIGHT	
SXC100	1"	40 lbs./100	
SXC125	1 1/4"	40 lbs./100	
SXC150	1 1/2"	40 lbs./100	
SXC200	2"	40 lbs./100	
SXC250	2 1/2"	40 lbs./100	

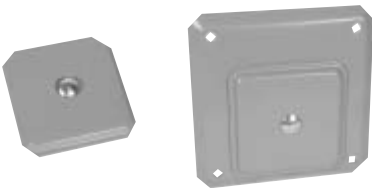
Mast Coupler

CATALOGUE #	DESCRIPTION	WEIGHT	
MC200S	One size c/w screw A great time and money saver in overhead installation - replaces bottom reducers and SXC series meter socket hubs Will accommodate 1 1/4" and 2"	35 lbs./100	

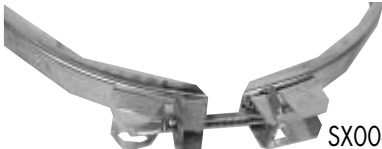
Interchangeable Hubs for 4 1/4" Hub Opening

CATALOGUE #	DESCRIPTION	WEIGHT	
HD200	2" H40, STC, SFVC, STVC, HC40	8 lbs./10	
HD250	2 1/2" H40, STC, SFVC, STVC, HC40	8 lbs./10	
HD300	3" H40, STC, SFVC, STVC, HC40	8 lbs./10	
HD350	3 1/2" H40, STC, SFVC, STVC, HC40	8 lbs./10	
HD400	4" H40, STC, SFVC, STVC, HC40	8 lbs./10	

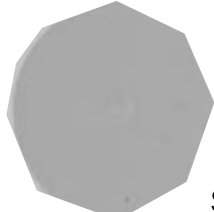
Replacement Hub Plate - Closing

CATALOGUE #	DESCRIPTION	WEIGHT	
SXC000	Small hub opening, 2 1/2"	2 lbs./10	
HD000	Large hub opening, 4 1/4"	6 lbs./10	
HD2025	Adapter plate reduces 4" opening to hub size	8 lbs./10	

Meter Socket Sealing Rings

CATALOGUE #	DESCRIPTION	WEIGHT	
SX001M SX002M	Slip Lock Type Latch Type or Buckle Type (Meter Sealing Ring)	15 lbs./100 17 lbs./100	 SX001M
SX006SS SX008M	Stainless Steel Screw Type Tamperproof Acrylic (Peerless)	25 lbs./100 25 lbs./100	 SX006SS

Meter Opening Cover Plates

CATALOGUE #	DESCRIPTION	WEIGHT	
SX087MD SX087MC SX087CB SX025P SX087S	Hard Plastic Clear Lexan Clear Bladed Lexan Plastic (temporary) - Throw Away Steel	12 lbs./100 12 lbs./100 13 lbs./100 1 lb./100 1 lb.	 SX087MD
SX087SMC-5 SX087SMC-9 SX087PG	Meter Protector 5" Depth – Entire Front Lifts Meter Protector 9" Depth – Entire Front Lifts Meter Puller (Polycarbonate Plastic)	3 lbs. 5 lbs. 3 lbs.	 SX087SMC-5

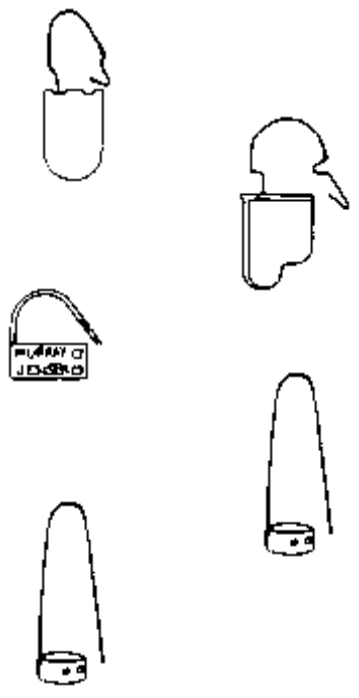
Hydel

Sicame Group

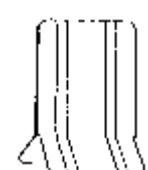
Accessories

SEALS & JUMPER BARS

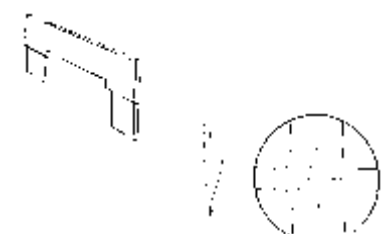
Meter Seals

CATALOGUE #	DESCRIPTION	WEIGHT	
FA100G	Padlock Galvanized c/w Stainless Steel Wire (STD) PAC 200)	15 lbs./m	
FA400P	Plastic Padlock c/w Stainless Steel Wire (STD PAC 1000) - Embossing & various colours available	14 lbs./m	
FA300P	All Plastic Padlock - Orange (STD PAC 1000) - Embossing & various colours available	1 lb./m	
FA200M	Lead Seal c/w 6" Wire (STD PAC 250)	10 lbs./m	
FA209M	Lead Seal c/w 9" Wire (STD PAC 250)	11 lbs./m	

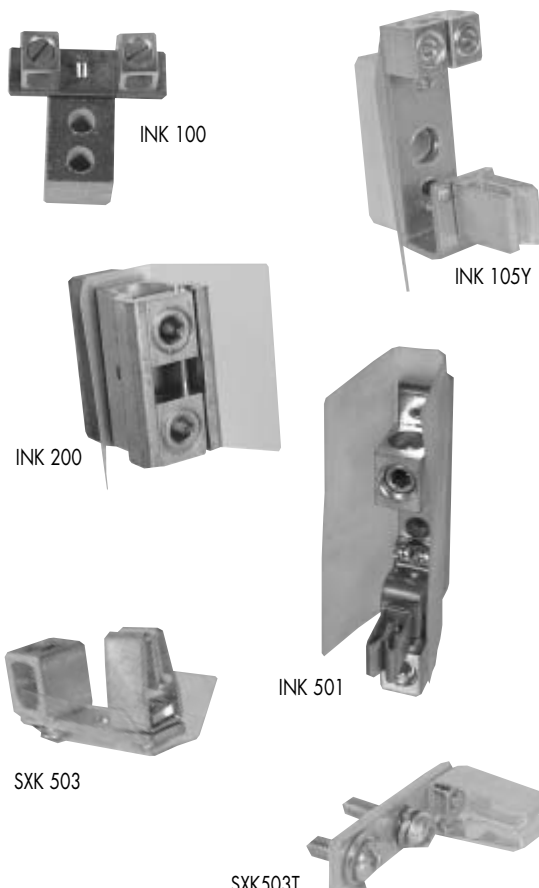
Socket Meter Disconnect Sleeve

CATALOGUE #	DESCRIPTION	WEIGHT	
AD500	Clear Mylar - 144 pieces per package	1 lb./m Sold in Pkg. Of 144 Only	

Jumper Bars / Cover

CATALOGUE #	DESCRIPTION	WEIGHT	
JB2	Insulated, 200 Amp Max. Jumper Bars	5 lbs./100	
JC4B	Jumper Covers, 4 Jaw c/w Handle	1 lb. each	
JC6B	Jumper Covers, 7 Jaw c/w Handle	1 lb. each	

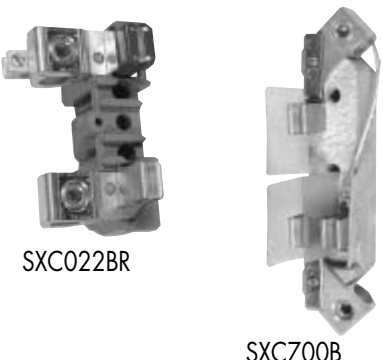
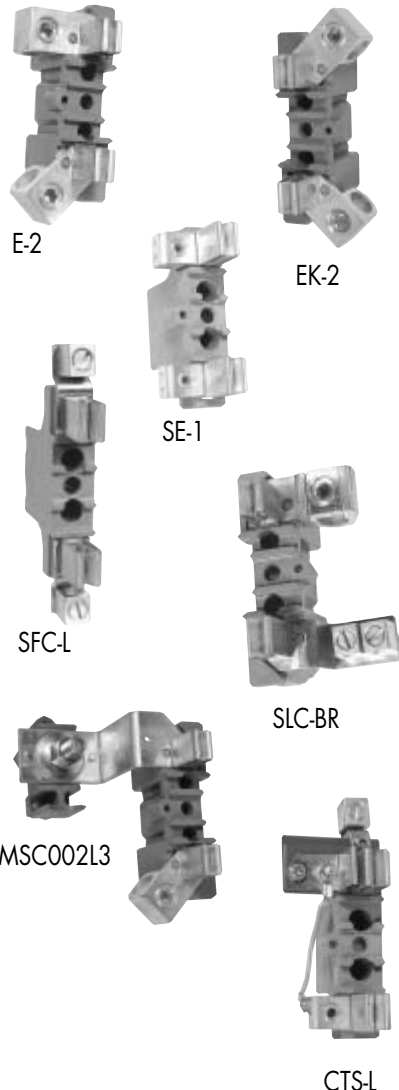
Insulated Neutrals and 5th Jaw Assemblies

CATALOGUE #	DESCRIPTION	
INK 100	Insulated Neutral - 100 Amp, 14 - 1/0 SE400 Series SFC 700	
INK 105	5TH Jaw in 6 O'clock, 14 - 1/0 SE400	
INK105Y		
INK 200	Insulated Neutral, 200 Amp, 6-250 MCM EK400 Series STC700 Series SLC400 Series	
INK 501	5th Jaw in 6 O'clock, 6-250 MCM Used on all 200 Amp Sockets	
SXK 503	5th Jaw in 9 O'clock, 14 - 1/0 Used on all 100 Amp and 200 Amp Sockets	
SXK503BC	5th Jaw in 9 O'clock BC only, 14 - 1/0	
SXK503T	5th Jaw - Toronto Hydro approved, 14 - 1/0	

Conversion Kits

CATALOGUE #	DESCRIPTION	WEIGHT	
SXC022	Waterheater Lug Kit, 14 - 6 (MSC + H Series)	5 lbs./100	
SXCONY	North York Dead End Ass'y., 14 - 6 SLC, MSC, SE	5 lbs./100	
SS002	Safety Shrouds (100 Amp and 200 Amp Jaws)	1 lb./1000	

Replacement Block Assemblies

CATALOGUE #	DESCRIPTION		
MSC002L	MSC Series Porcelain Only	Left	 SXC022BR SXC700B
MSC002R	MSC Series Porcelain Only	Right	
SXC002B	SLC & STC Porcelain Only	Standard	
SXC022BL	SLC with w/h lug SLC 420	Left	
SXC022BR	SLC with w/h lug SLC 420	Right	
SXC700B	STC Centre Phase		
EK-2	EK Series		 E-2 EK-2 SE-1 SFC-L SLC-BR MSC002L3 CTS-L
E-2	E400RO Series Straight Lug lineside		
SE-1	SE & SH - JA	Standard	
SE-L	SE with w/h lug SE420RW	Left	
SE-R	SE with w/h lug SE 420 RW	Right	
SFC-L	SFC Centre Phase	Left	
SFC-R	SFC Centre Phase	Right	
SFC-E	SFC End Block	Left & Right	
SD-L	SD Series	Left	
SD-R	SD Series	Right	
HC-L	HC & H Series, Old porcelain style	Left	
HC-R	HC & H Series, Old porcelain style	Right	
SLC-BL	SLC 402, Subfeed style	Left	
SLC-BR	SLC 402, Subfeed style	Right	
MSC002L3	Plastic MSC400TW	Left	
MSC002R3	Plastic MSC400TW	Right	
H22BL	H22 Series plastic	Left	
H22BR	H22 Series plastic	Right	
HC-LP	H40 Series plastic	Left	
HC-RP	H40 Series plastic	Right	
SLC-P	SLC Series plastic	Left & Right	
CTS-L	CTS 409 c/w by pass	Left	

Typical Wiring Diagrams

Hydel
Sicame Group

**METER
SOCKETS**

CATALOGUE #	REFERENCE METER SOCKETS	CATALOGUE #	REFERENCE METER SOCKETS
SH400 SE400 SLC400 MSC400 E400		CTS409	
SE500 SLC500		CTS800	
SFC700 STC700		CTS130 CTS139	
SE503 SE501 SLC503 SLC501			

HYDEL	EATON CUTLER HAMMER	THOMAS & BETTS MICRO ELECTRIC	HYDEL	EATON CUTLER HAMMER	THOMAS & BETTS MICRO ELECTRIC
EK400P	J2	BQ2-V	MSC820TW	2KU4CLX	BSC42-VG
EK400L	J2-2	BQ2-2V	MSC830TW	3KU4CLX	BSC43-VG
EK400D		BQ2-22V	MSC840TW	4KU4CLX	BSC44-VG
EK400T	JU2	BQ2-TV	MSC850TW	5KU4CLX	BSC45-VG
EK400TO	LU2	BS2-TV	MSC860TW	6KU4CLX	BSC46-VG
EK400R	JM2		SDC220PW	2KN1	BEC2-VA
EK400ROBC	LMB3	BS2-TCVBC	SDC320PW	3KN1	BEC3-VA
EK400RO	LM2	BS2-TCV	SDC420PW	4KN1	BEC4-VA
EK400DP	J22	BQ2-22VNH	SDC520PW	5KN1	BEC5-VA
MSC400TW	CLX	MO2-V	SDC620PW	6KN1	BEC6-VA
MSC400TW-ON		MO2-VO	SD220PW		BE2-V
SLC420RW	LM2-W2	BS22-WTCV	SD320PW		BE3-V
SLC400RW		BS2L-TCV	SD420PW		BE4-V
SLC400RWBC		BS2L-TCVBBCR	SD520PW		BE5-V
SLC402RW	LM2-SF	BS2M-V	SD620PW		BE6-V
SE400JW	K1-N1-1/4	BE1-11/4V	SFC700PW		PL17-V
SE400PW	K1-N	BE1-V	SFC700RW	P17-0	PL17-TCV
SE400TW	KU-1N	BE1-TV	SFC703PW		PL17-INV
SE400RW	K1M-N	BE1-TCV	SFC703RW	P17-0-1N1	PL17-TCVIN
SE420RW	K1MW2-N	BE1-TCVW	SFC800PW		PL17-8V
SE400BP		BE11-VCM	STC700PK	P27	PL27-V
SE400BW		BE11-11/4V	STC703PK	P27-1N2	PL27-INV
SH400JW	S1-N1-1/4	BA3-11/4V	STC700RK		PL27-TCV
SH400PW	S1-N	BA3-TCV	STC703RK		PL27-IN-TCV
SH400BW	S12-N1-1/4	BA33-11/4V	CTS130PW	TSU13	CT113
SH400BP	S12-N	BA33-V	CTS400PW	TCC4	CT104
SH400KO	S11-N	BA4-V	CTS409PW	TCC4-0	CL4-V
SH400TW	-	BA3-TV	CTS459PW	TCC5-0	CL5-V
H22R	2K2	BD2-V	CTS500PW	TSU5	CT105
H23R	3K2	BD3-V	CTS800PW	TSU8	CTS108
H24R	4K2	BD4-V	JA220PW		CO12
HC42R	2K4	BS42-V	JA220P-B		CO12-100
HC43R	3K4	BS43-V	JA220P-HI		CO12-100HI
HC44R	4K4	BS44-V	JAU220PW		
HC45R	5K4	BS45-V	JAU220P-B		
HC46R	6K4	BS46-V	JAU220P-HI		CO12-100HI-U

HYDEL	EATON CUTLER HAMMER	THOMAS & BETTS MICRO ELECTRIC
JA320PW		CO13
JA320P-B		CO13-100
JA320P-HI		CO13-100HI
JAU320PW		
JAU320P-B		
JAU320P-HI		CO13-100HI-U
JA420PW		CO14
JA420P-B		CO14-100
JA420P-HI		CO14-100HI
JAU420PW		
JAU420P-B		
JAU420P-HI		CO14-100HI-U
CT4-4	TCC5-4	JS4A
CT4-TS	TCC5-4-TS	JS4B
CT4-TSHO		JS4B-TLHO
JA000PW	RC1N	CO1
JA400RW	RC1-2200	CO1-G
JA402P	RC2-2200	CO2-200
MCC220TW	2KNU1CLX	BEC2-V
MCC320TW	3KNU1CLX	BEC3-V
MCC420TW	4KNU1CLX	BEC4-V
MCC520TW	5KNU1CLX	BEC5-V
MCC620TW	6KNU1CLX	BEC6-V
MSC22R	2KU2CLX	BDC2-V
MSC23R	3KU2CLX	BDC3-V
MSC24R	4KU2CLX	BDC4-V

"* ADD SUFFIX ""NS"" TO ALL METER SOCKETS USED IN NOVA SCOTIA"

"* ADD SUFFIX ""BC"" TO ALL METER SOCKETS USED IN BRITISH COLUMBIA"

**Ontario Hydro
Meter Cabinet**

CATALOGUE #	WEIGHT	ENCLOSURE SIZE H X W X D
74820585	44 lbs.	24" x 16" x 10"

Milk Box
*Used to enclose
Meter Socket
recessed in wall*

CATALOGUE #	WEIGHT	ENCLOSURE SIZE H X W X D
ST301812SC Cover Size	60 lbs.	30" x 18" x 12" 33 1/4" x 21 1/8"
ST301412SC Cover Size	55 lbs.	30" x 14" x 12" 31" x 15"



MAST AND ACCESSORIES

CATALOGUE #	DESCRIPTION	
2521 2521-1-1/2 2521-2	100 Amp entrance cap - completely weatherproof As 2521 but with insert for 200 Amp or 150 Amp service 2" Cap for 200 Amp service	
2508 2509 2510 2512 2513SM	Service Entrance Masts - 2 1/2" O.D. 8 Ft. Service Entrance Mast 9 Ft. Service Entrance Mast 10 Ft. Service Entrance Mast 12 Ft. Service Entrance Mast 13 Ft. Service Entrance Mast	
25C 2515 2517U 2518U 417U 2513	Service mast ground clamp Guy attachment with eye bolt 200 Amp heavy duty triplex cable rack 100 Amp light duty triplex cable rack Oversize Cable Rack for 3" Pipe Guy attachment with hook	
2506B 2506 2506NB 2506N2 2526NB 2526N 2506-3	Weatherproof Roof Flange c/w Steel Collar (No longer available - Substitute 2526NB) Complete with undereave flashing All neoprene roof flange - one piece construction Neoprene Collar only Steel roof flange with neoprene collar - 2 piece construction As 2526NB but c/w undereave flashing Undereave flashing only	
2014U 2504 2505 2504-6 2504-12 2504LB	Clamp - 1 1/2" diameter Clamp assembly for mounting stack on brick, concrete block, etc. Complete with 4" x 4" galvanized washer and 5/8" x 10" bolt As above with 5/8" x 4 1/2" bolt std. thread for wood frame As above with 5/8" x 6" bolt std. thread As above with 5/8" x 12" bolt As above less thru bolt & washer	
2507-5/8 506-5/8 506 5061 2516 2516L	Meter spacer c/w pipe strap. c/w 5/8" x 4 1/2" Carrige bolt and 4" x 4" Washer As above less stack clamp Meter spacer only (Z plate) Meter spacer (top hat) Stack clamp for surface mounting Same as above but c/w 3 lag screws 3/8" x 3"	
2501 2525 2550 2502 2502MS	Add "M" to catalogue # (eg. 2501-M) for male thread. 1" Bottom Reducer 1 1/4" Bottom Reducer 1 1/2" Bottom Reducer 2" Bottom Reducer 2" Reducer Offset (Special)	

2 1/2" Bungalow Service

ENTRANCE STACKS & ACCESSORIES

Hydel
Sicame Group

**MAST AND
ACCESSORIES**

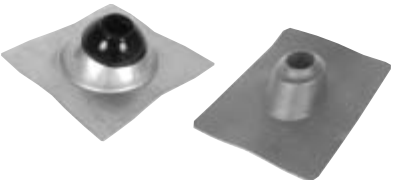
Service Entrance Top Cap

CATALOGUE #	DESCRIPTION	
2521 2521-2	1 1/4" entrance cap, 100 Amp, completely weatherproof. Extra large (-2) cap for 200 Amp service	

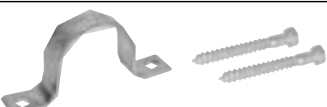
Triplex Cable Rack

CATALOGUE #	DESCRIPTION	
2517U 2518U 417U	200 Amp spool rack - heavy duty, c/w insulator 100 Amp spool rack - light duty, c/w insulator 400 Amp spool rack - oversize 3" to 4" pipe	 2517U
2513 2515 25C	Drop wire hook bracket Guy attachment with eye bolt Mast ground clamp #8 - 1/0	

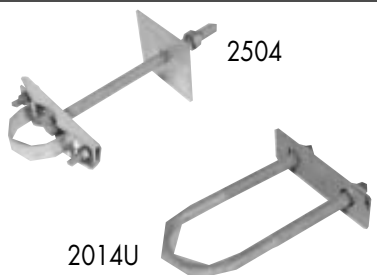
Weatherproof Roof Flange - Adjustable to Roof Pitch

CATALOGUE #	DESCRIPTION	
2506 2506NB 2526NB 2506N 2506-3 2506N2	Complete with undereave flashing & rubber collar All neoprene roof flange - One piece construction Steel roof flange with neoprene collar - two peice const. As 2526NB but c/w undereave flashing Undereave flashing only Neoprene collar only	

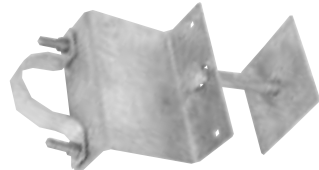
Stack Clamp for Surface Mounting

CATALOGUE #	DESCRIPTION	
2516 2516L 2516L-4	Stack clamp for surface mounting Same as above but complete with 2 lag screws 3/8" x 3" As above c/w 3/8" x 4" Lags	

Thru Bolt Stack Clamp

CATALOGUE #	DESCRIPTION	
2504 2504-6 2504-12 2504LB 2505 2014U	Clamp assembly for mounting stack on brick, concrete block, etc. Complete with 4" x 4" galvanized washer and 5/8" 10 bolt with 8" of thread As above but with 6" bolt As above but with 12" bolt As above less thru bolt and washer As above but with 5/8" x 4 1/2" bolt, std. thread for wood frame wall U-bolt rafter clamp 1 1/2"	 2504 2014U

Brick Spacer Clamp

CATALOGUE #	DESCRIPTION	
2507-5/8	Permits installation of complete service entrance stack before building is bricked. May be used to hold any size conduit by changing pipe strap. Complete with 5/8" x 4 1/2" galvanized bolt and 4" x 4" washer.	
506-5/8	Same as above less stack clamp. Simplifies mounting meter socket on walls before bricking.	

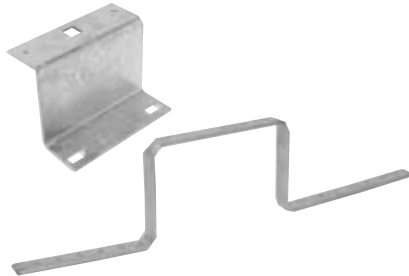
Service Entrance Mast

CATALOGUE #	DESCRIPTION	
2508	2 1/2" O.D. high tensile steel tubing triple galvanized, rustproof 8 ft.	
2509	9 ft.	
2510	10 ft.	
2512	12 ft.	
2513SM	13 ft.	

Bottom Reducer

CATALOGUE #	DESCRIPTION	
2501M	Male and Female Combination 1"	
2525M	1 1/4"	
2550M	1 1/2"	
2502M	2"	
2502MS	2" Offset (Male only)	
	• Note: Can all be used as female by removing close nipple	

Brick Spacers

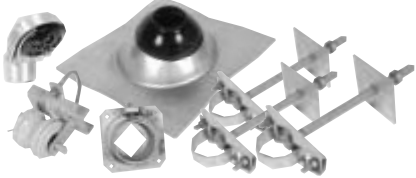
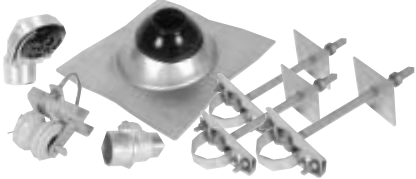
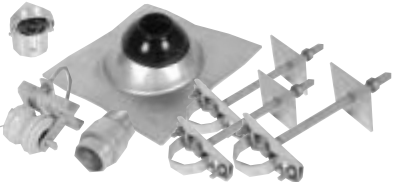
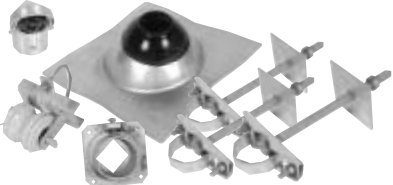
CATALOGUE #	DESCRIPTION	
5061	Brick spacer (galv.) - top hat style	
5061M	Used for metric brick - 4" depth	
506	Meter socket spacer - Z plate style	
506M	used for metric brick - 4" depth	

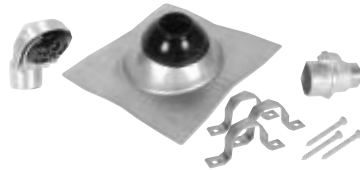
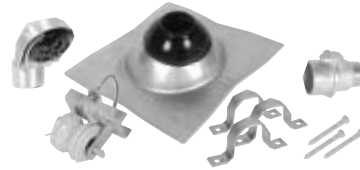
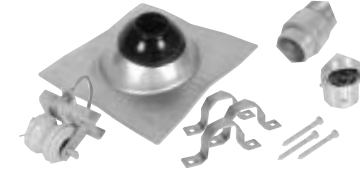
To make the kit contents correspond to the catalogue number, we have developed a system of 7 digits consisting of 3 figures and 4 letters as follows:

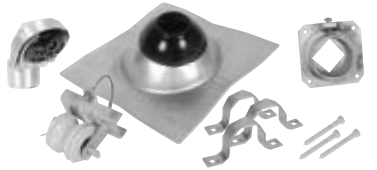
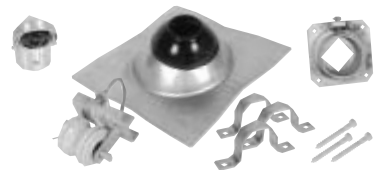
Number and letter sequence is from the top of the mast to the bottom of the mast - for instance, the reducer is the bottom item and the last digit that identifies it is (M or F).

These 7 digits completely describe the mast kits. This will make them somewhat easier to identify.

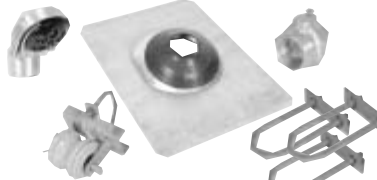
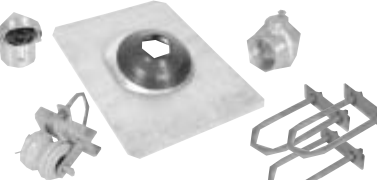
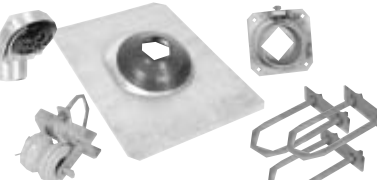
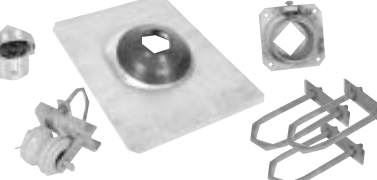
- **AMPERAGE 1 or 2 (100 or 200)**
- **PIECE ROOF FLANGE (1 or 2)**
- **CLAMPS (2 or 3)**
- **RACK H (heavy duty) or L (light duty)**
- **ROOF FLANGE N (neoprene)**
- **CLAMP T (thru bolt) or S (strap)**
- **REDUCER M (male) or F (female)**

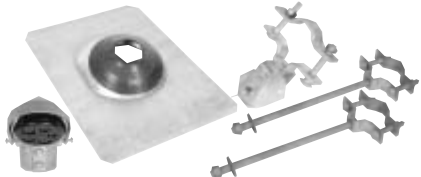
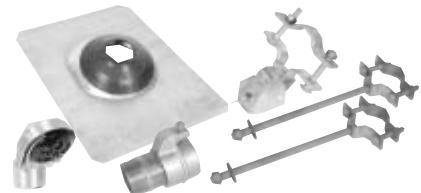
CATALOGUE #	DESCRIPTION	
123LNSM	100 Amp Contains: 1 - 2521 Entrance cap 1 - 2518U Light duty rack 1 - 2526NB Roof flange c/w neoprene collar 2 Pc. 3 - 2516L Straps c/w lags 1 - 2525M Male/female reducer 2 Pc., 1 1/4"	
123LNTMC	100 Amp Contains: 1 - 2521 Entrance cap 1 - 2518U Light duty spool rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2504 thru bolt (10 inch) clamp 1 - MC200 Mast coupler	
123LNTFM	100 Amp Contains: 1 - 2521 Entrance cap 1 - 2518U Light duty spool rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2504 thru bolt (10 inch) clamp 1 - 2525M Male/female reducer, 1 1/4"	
223HNSM	200 Amp Contains: 1 - 2521-2 Entrance cap 1 - 2517U Heavy duty spool rack 1 - 2526NB Roof Flange c/w collar 2 pc. 3 - 2516L Straps c/w lags 1 - 2502M Male/female reducer 2 pc., 2"	
223HNTFM	200Amp Contains: 1 - 2521-2 Entrance Cap 1 - 2517U Heavy duty spool rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2504 thru bolt (10 inch) clamp 1 - 2502M Male/female reducer 2"	
223HNTWMC	200Amp Contains: 1 - 2521-2 Entrance Cap 1 - 2517U Heavy duty spool rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2504 thru bolt (10 inch) clamp 1 - MC200 Mast coupler	

CATALOGUE #	DESCRIPTION	
123NSM	100 Amp (New Brunswick & Nova Scotia) Contains: 1 - 2521 Entrance cap 1 - 2526NB Roof flange c/w neoprene collar 1 - 2525M Male reducer 2 pc. 3 - 2516L Straps with lag bolts (No Rack)	
223NSM	200 Amp (New Brunswick & Nova Scotia) Contains: 1 - 2521-2 Entrance Cap 1 - 2526NB Roof Flange c/w neoprene collar 1 - 2502M Male reducer 3 - 2516L Straps with lag bolts (No Rack)	
123LNSM	100 Amp (Nova Scotia) Contains: 1 - 2521 Entrance Cap 1 - 2518U Light Duty Rack 1 - 2526NB Roof flange c/w neoprene collar 1 - 2525M Male reducer 2 pc. 3 - 2516L Straps with lag bolts	
223LNSM	200 Amp (Nova Scotia) Contains: 1 - 2521-2 Entrance Cap 1 - 2517U Heavy Duty Rack 1 - 2526NB Roof flange c/w neoprene collar 2 pc. 1 - 2502M Reducer (male) 3 - 2516L Straps with lag Bolts	
123NSWMC	100 Amp (New Brunswick) Contains: 1 - 2521 Entrance Cap 1 - 2526NB Roof flange c/w neoprene collar 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler (No Rack)	
223NSWMC	200 Amp (New Brunswick) Contains: 1 - 2521-2 Entrance Cap 1 - 2526NB Roof flange c/w neoprene collar 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler (No Rack)	
213NSWMC	200 Amp (New Brunswick) Contains: 1 - 2521-2 Entrance cap 1 - 2506NB Roof flange - all neopr. (1pc. constr.) 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler (No Rack)	

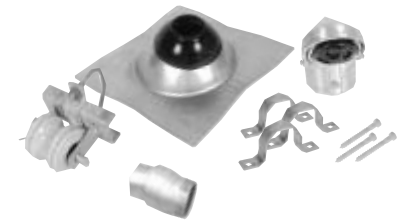
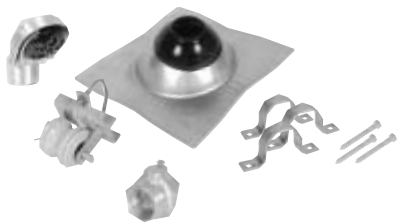
CATALOGUE #	DESCRIPTION	
123LNSWMC	100 Amp (Manitoba and Saskatchewan) Contains: 1 - 2521 Entrance cap 1 - 2518U Light duty rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler	
223LNSWMC	200 Amp Contains: 1 - 2521-2 Entrance Cap 1 - 2517U Heavy duty rack 1 - 2526NB Roof flange c/w neoprene collar 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler	
113NSWMC	100 Amp Contains: 1 - 2521 Entrance cap 1 - 2506NB Roof flange - all neopr. (1pc. constr.) 3 - 2516L Straps with lag bolts 1 - MC200 Mast coupler	

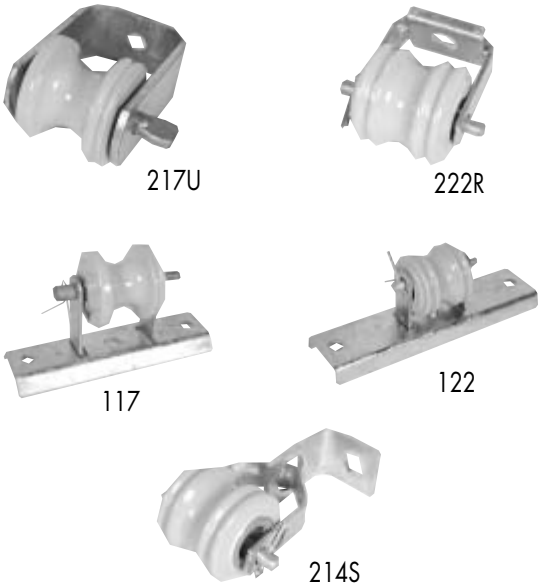
BRITISH COLUMBIA

CATALOGUE #	DESCRIPTION	
2500UR	100 Amp Contains: 1 - 2521 Entrance cap 1 - 2506NC-2 Roof flange 3 - 2014U Mast clamps 1 - 2525 Reducing adapter 1 - 2517U Heavy duty rack	
2500200UR	200 Amp Contains: 1 - 2521-2 Entrance Cap 1 - 2506NC2 Roof flange 3 - 2014U Mast clamps 1 - 2502 Reducing adapter 1 - 2517U Heavy duty rack	
2500MCR	100Amp. Contains: 1 - 2521 Entrance Cap 1 - 2506NC2 Roof flange 3 - 2014U Mast clamps 1 - 2518U Light duty rack 1 - MC200 Mast coupler	
2500200MCR	200 Amp Contains: 1 - 2521-2 Entrance Cap 1 - 2506NC2 Roof flange 3 - 2014U Mast clamps 1 - 2517U Heavy duty rack 1 - MC200 Mast coupler	

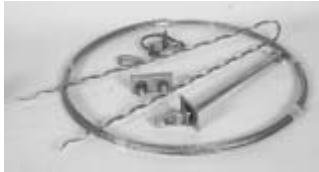
CATALOGUE #	DESCRIPTION	
4000N	Service Entrance Kits (1 1/4") Contains: 1 - 4001 Entrance cap 1 - 4006N Roof flange 2 - 4214 Stack clamps 1 - 4218 Triple cable rack	
2000N	Service Entrance Kits (2") Contains: 1 - 2015 Entrance cap 1 - 2006N Roof flange 2 - 4214 Stack clamps 1 - 4218 Triple cable rack 1 - 2025M Reducer to 1 1/4"	

QUEBEC

CATALOGUE #	DESCRIPTION	
200SF	200A avec accouplement de mât. (Manitoba and Saskatchewan also) Les pièces suivantes sont incluses : 1 - 2521-2 capuchon d'entrée 200A 1 - 2517-U support de bobine service robuste 1 - 2526-NB ensemble pour toiture, collet néoprene 3 - 2516L-4 courroie avec 3 tire-fonds 3/8 x 4" 1 - MC200S accouplement de mât avec écrou	
200MA	200A avec adaptateur mâle. Les pièces suivantes sont incluses : 1 - 2521-2 capuchon d'entrée 200A 1 - 2517-U support de bobine service robuste 1 - 2526-NB ensemble pour toiture, collet néoprene 3 - 2516L-4 courroie avec 3 tire-fonds 3/8 x 4" 1 - 2502MS adaptateur mâle avec écrou - 2"	
100MA	100A avec adaptateur mâle. Les pièces suivantes sont incluses : 1 - 2521 capuchon d'entrée 100A 1 - 2518-U support de bobine service robuste 1 - 2526-NB ensemble pour toiture, collet néoprene 3 - 2516L-4 courroie avec 3 tire-fonds 3/8 x 4" 1 - 2525MS adaptateur mâle avec écrou - 1 1/4"	
100SF	100A avec accouplement de mât. Les pièces suivantes sont incluses : 1 - 2521 capuchon d'entrée 100A 1 - 2518-U support de bobine service robuste 1 - 2526-NB ensemble pour toiture, collet néoprene 3 - 2516L-4 courroie avec 3 tire-fonds 3/8 x 4" 1 - MC200S accouplement de mât avec écrou.	

CATALOGUE #	DESCRIPTION	
217U	Flat Mount Clevis 200Amp. Heavy Duty Dead End Cable Anchor	
222R	Flat Mount Clevis 100 Amp Light Duty Dead End Cable Anchor c/w $\frac{5}{8}$ Mounting Holes	
117	Flat Mount 200 Amp Heavy Duty Triplex Cable Rack	
122	Flat Mount 100 Amp Light Duty Triplex Cable Rack	
214CLB	Swivel Clevis (less insulator) Mainly used in Atlantic, Canada	
214S	Swivel Clevis c/w 1606 WSP Spool Insulator $\frac{11}{16}$ Mounting Hole	

Mast Guy Kits

CATALOGUE #	DESCRIPTION	WEIGHT	
25516GK	ONTARIO Mast Guying Kit Contents in one carton: 1-2515 Mast guy clamp 2-516GT Guy thimbles 1-2514GE Guy grip 1-20 ft. Coil of $\frac{1}{4}$ " guy wire 1-212GU Guy clamp 1-1258BTE $\frac{5}{8}$ x 12 Bent thimble c/w washer	7 lbs.	
2514GK	OUTSIDE ONTARIO $\frac{1}{4}$ " Mast Guying Kit 6 lbs. Contents in one carton: 1-2515 Mast guy clamp 2-516GT Guy Thimbles 1-2514GE Guy grip 1-20 ft. Coil of $\frac{1}{4}$ " guy wire 1-212GU Guy clamp 1-14GK Roof bracket 1-412LG $\frac{1}{2}$ " x 4"		



COMMERCIAL ENCLOSURES

Splitter Troughs 600V Maximum

CATALOGUE #		MAINS LUGS		BRANCH LUGS				DIMENSIONS			SHIP.
3-WIRE	4 WIRE	AMP CU-AL	WIRE RANGE	MAX. AMP.		WIRE RANGE	QTY	INCHES			WT. LBS.
				CU	AL			L	W	D	
ST213 ST313 ST413 ST513 ST613	ST214 ST314 ST414 ST514 ST614	125	14-2/0	110	85	14-1	6	24 36 48 60 72	6	4	13 17 20 25 30
ST223 ST323 ST423 ST523 ST623	- ST324 ST424 ST524 ST624	225	6-300 MCM	175	135	14-2/0	6	24 36 48 60 72	8	5	21 26 36 42 48
ST343 ST443 ST543 ST643	- ST444 ST544 ST644	400	Two 1/0 - 250 MCM One 3/0 - 600 MCM	175	135	6-3/0	6	36 48 60 72	10	6	43 54 65 77
ST563 ST663	ST564 ST664	600	Four 1/0 - 250 MCM Two 3/0 - 600 MCM	175	135	6 - 3/0	6	60 72	11	7	67 79

- Empty troughs available upon request
- See page 55 for splitter blocks



CATALOGUE #		MAINS LUGS		BRANCH LUGS				DIMENSIONS			SHIP. WT. LBS.
3-WIRE	4 WIRE	AMP CU-AL	WIRE RANGE	MAX. AMP.		WIRE RANGE	QTY	INCHES			
				CU	AL			L	W	D	
SB013	SB014	125	14-2/0	110	85	14-1	3	12	12	4	9
SB023	SB024	225	6-300 MCM	175	135	14-2/0	3	16	16	5	16
SB043	SB044	400	One 3/0 - 600 MCM Two 1/0 - 250 MCM	285	230	6-350 MCM	2	22	22	6	44
SB063	SB064	600	Two 3/0 - 600 MCM	510	410	3/0-600 MCM	2	26	25	7	58

Available in Nema 3 enclosures upon request

- See page 55 for splitter blocks

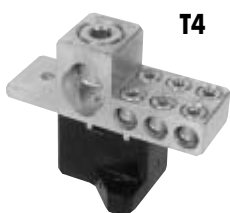
EEMAC/NEMA 3 Cabinets

Raintight construction

- Slip on cover from stock
- Screw-on cover with gasket, add "SOC" to catalogue number upon request

CATALOGUE #	DIMENSIONS
STR644	6" x 4" x 4"
STR664	6" x 6" x 4"
STR884	8" x 8" x 4"
STR10104	10" x 10" x 4"
STR12124	12" x 12" x 4"
STR12126	12" x 12" x 6"
STR18126	18" x 12" x 6"
STR18186	18" x 18" x 6"
STR24186	24" x 18" x 6"





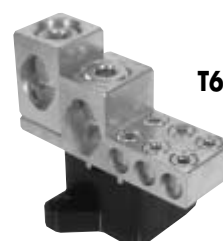
T4



T0/T1



T2



T6

Splitter Trough Block Assemblies

CATALOGUE #	BLOCKS	MAX./MIN. WIRE CAPACITY	BRANCHES		MAX./MIN. WIRE CAPACITY	SHIPPING WT.
			QTY	AMP		
T0	85	1 - 14	6	6/40	6 X (6 - 14)	1.0
T1	125	2/0 - 14	6	6/85	6 X (1 - 14)	1.0
T2	225	300* - 6	6	6/135	6 X (2/0 - 14)	1.2
T4	400	600* - 3/0 or 2 X (250* - 1/0)	6	6/135	6 X (3/0 - 6)	2.5
T6	600	2 X (600* - 3/0) 4 x (250* - 1/0)	6	6/135	6 X 3/0 - 6)	3.0

Application

These blocks are used in our standard splitters. They can be used for tapping branch circuits off feeders. All blocks are rated 600V.

Construction

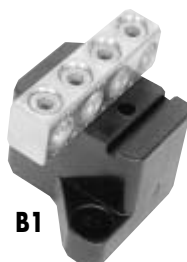
- Cu-Al monopiece connectors secured to insulators
- Each block includes a main lug and branch lugs

On Special Order

- Copper connectors (Cu)
- Copper bars (Cu)



B0



B1



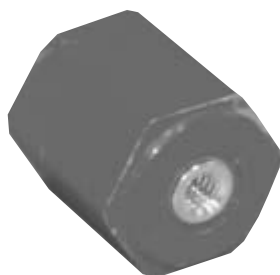
B2



**B4
B6**

Splitter Block Assemblies

CATALOGUE #	MAINS AMPS	MAX./MIN. WIRE CAPACITY	BRANCHES		MAX./MIN. WIRE CAPACITY	SHIPPING WT.
			QTY	AMP		
B0	85	1 - 14	3	3/40	3 X (6 - 14)	0.8
B1	125	2/0 - 14	3	3/85	3 X (2/0 - 14)	0.8
B2	225	300* - 6	3	3/35	3 X (2/0 - 14)	1
B4	400	1 X (600* - 3/0) 2 X (250* - 1/0)	2	2/230	2 X (350* - 6)	2
B6	600	2 X (600* - 3/0)	2	2/410	2 X (600* - 3/0)	3



XGENP0007



XGENH0001



XGENH0005

CATALOGUE #	HEIGHT INCHES	DIAM. INCHES	RATED VOLTAGE	THREAD SIZE	TENSILE STRENGTH	CANTILEVER STRENGTH	COMPRESSION STRENGTH	WT. LBS
XGENP0007	1.250	1.000	600	1/4-20 x 1/4 deep	1000	400	8000	
XGENH0001	1.375	1.750	600	3/8-16 x 3/4 deep	2000	1500	20000	
XGENH0005	6.000	3.750	15000	3/8-16 x 3/4 deep	7500	1150	20000	

Fiberglass Reinforced Polyester Insulators

- Red colour
- Aluminum insert
- Specific voltage rating available on request

METER CABINETS

Meter Cabinets

Coil or Transformer Cabinets

- Standard stock cabinets with hinged doors.
- Supplied with pull catch and provision for padlocking.
- Knockouts standard.
- Grey enamel finish.
- Removable backplate standard.
- Special sizes available on request.

CATALOGUE #	DIMENSIONS H X W X D	KO'S	DOOR
MC271310	27" x 13" x 10"	1 1/2 / 2 / 2 1/2	Single
MC202010	20" x 20" x 10"	1 1/2 / 2 / 2 1/2	Single
MC302010	30" x 20" x 10"	1 1/2 / 2 / 2 1/2	Single
MC242410	24" x 24" x 10"	2 1/2 / 3	Single
MC303010	30" x 30" x 10"	2 1/2 / 3	Double
MC363612	36" x 36" x 12"	3 / 3 1/2	Double
MC484812	48" x 48" x 12"	3 / 3 1/2	Double



EEMAC/NEMA 3 Metering Cabinets

Rugged raintight construction.

- Vault handle.
- 3 Point Catch.
- Provision for padlocking.
- Formed heavy backplate.
- Gasketed.
- Dripshield installed.

CATALOGUE #	DIMENSIONS H X W X D	DOOR
3ST202010	20" x 20" x 10"	Single
3ST271310	27" x 13" x 10"	Single
3ST302010	30" x 20" x 10"	Single
3ST303010	30" x 30" x 10"	Double
3ST363612	36" x 36" x 12"	Double
3ST484812	48" x 48" x 12"	Double



NOTE: Hydel manufactures a variety of cabinetry for all applications, in all sizes. Contact our sales office for quotations to meet your requirements.

SPLITTER BUSBAR TROUGHS CUSTOM MADE NEMA 1



Application

General purpose enclosure designed for indoor distribution. Plenty of wiring space and connection flexibility. Constructed of 12 gauge

- Padlockable cover, Hinged cover
- Available with aluminum or copper bus bars

How to Order:

Example - BBT800AL6F3W

BBT - Bus bar trough

800 - Current rating

AL - Aluminum / CU - Copper

6F - Length of trough in feet

3W - 3 wire / 4W - 4 wire

- All lug requirements must be specified, add suffix "L" to part number if required

MAINS CAPACITY AMP	TROUGH DIMENSIONS			
	3 WIRE		4 WIRE	
	H	D	H	D
225	19	7	19	7
400	19	7	21	7
600	19	7	21	7
800	19	7	23	8
1000	23	8	27	8
1200	23	8	27	8
1600	23	8	27	8
2000	25	10	30	10
2500	25	10	30	10

Technical Readout

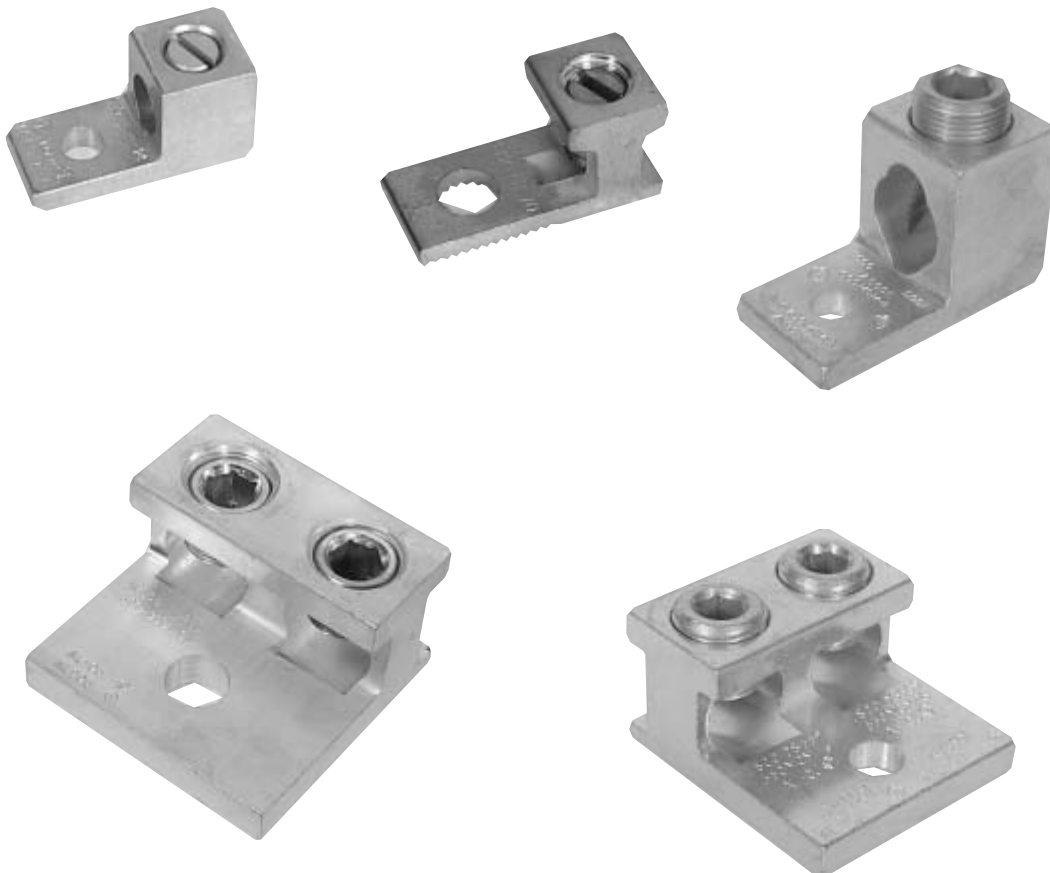
CATALOGUE AMPERAGE	WIDTH INCHES	DEPTH INCHES	LENGTH (X) IN FEET									
			3	4	5	6	7	8	9	10	11	12
			WEIGHT IN LBS.									
225-3	13	5	36	46	57	66	76	117	131	—	—	—
400-3	19	7	63	102	124	142	164	192	214	242	—	—
600-3	19	7	74	120	147	167	193	226	252	285	306	332
800-3	19	7	74	120	147	167	193	226	252	285	306	332
1000-3	23	8	—	—	188	211	247	288	324	365	389	424
1200-3	23	8	—	—	188	211	247	288	324	365	389	424
1600-3	23	8	—	—	—	235	277	324	365	413	436	423
2000-3	25	10	—	—	—	313	332	389	439	501	522	572
2500-3	25	10	—	—	—	398	472	468	536	598	626	686
225-4	16	5	44	54	66	79	90	108	120	—	—	—
400-4	19	7	73	120	145	171	192	234	264	291	—	—
600-4	21	7	93	150	184	217	242	282	315	348	373	406
800-4	23	8	93	150	184	217	242	282	315	348	373	406
1000-4	27	8	—	—	234	277	305	237	402	453	481	525
1200-4	27	8	—	—	234	277	305	237	402	453	481	525
1600-4	27	8	—	—	—	317	345	406	457	517	445	597
2000-4	30	10	—	—	—	438	477	557	622	708	748	819
2500-4	30	10	—	—	—	524	569	662	748	842	887	974

SPLITTER BUSBAR TROUGH CONNECTORS

Main and Branch Lugs for Custom Busbar Troughs

	SINGLE LUG		DOUBLE LUG		TRIPLE LUG		QUADRUPLE LUG	
NOMINAL CAPACITY	CAT. #	CAPACITY MIN - MAX	CAT. #	CAPACITY MIN - MAX	CAT. #	CAPACITY MIN - MAX	CAT. #	CAPACITY MIN - MAX
35 Amps	35S	14 - 4	—	—	—	—	—	—
70 Amps	70S	14 - 2	—	—	—	—	—	—
125 Amps	125S	14 - 2/0	—	—	—	—	—	—
225 Amps	225S	6 - *300	—	—	—	—	—	—
400 Amps	400S	4 - *500	400D	6 - *250	—	—	—	—
600 Amps	600S	2 - *600	600D	6 - *350	600T	6 - *250	—	—
800 Amps	800S	*300 - *800	800D	2 - *600	800T	6 - *350	—	—
1000 Amps	1000S	*500 - *1000	1000D	*300 - *800	1000T	2 - *600	—	—
1200 Amps	—	—	1200D	*500 - *1000	1200T	2 - *600	—	—
1600 Amps	—	—	—	—	1600T	*300 - *800	—	—
2000 Amps	—	—	—	—	—	—	2000Q	6 - *350
2400 Amps	—	—	—	—	—	—	2400Q	2 - *600
3000 Amps	—	—	—	—	—	—	3000Q	*300 - *800

MCM * Nominal Capacity for certain cable type only. Basic price guide only. Copper lug price on request.



Hydel **Commercial Enclosures**

Sicame Group

NEMA 1 ENCLOSURES

Quality Enclosures

EEMAC/NEMA Enclosures CSA Enclosure 1

Features

- Heavy duty 14 ga. spot welded construction.
- Backplates included.
- External mounting devices.
- Grey enamel finish.
- Hinged door.
- Provision for locking or sealing.

Application

General purpose indoor application. Quality enclosure for electrical controls or instrumentation.

CATALOGUE #				DIMENSIONS	
7" DEPTH	9" DEPTH	12" DEPTH	16" DEPTH	H X W	PANEL SIZE
IST16127	—	—	—	16" x 12"	14" x 10"
IST20167	—	—	—	20" x 16"	18" x 14"
IST20207	—	—	—	20" x 20"	18" x 18"
IST24207	IST24209	—	—	24" x 20"	22" x 18"
IST24247	IST24249	—	—	24" x 24"	22" x 22"
IST30207	IST30209	—	—	30" x 20"	28" x 28"
IST30247	IST30249	IST302412	—	30" x 24"	28" x 22"
IST36247	IST36249	IST362412	IST362416	36" x 24"	34" x 22"
—	IST36309	IST363012	IST363016	36" x 30"	34" x 28"
—	IST42249	IST422412	IST422416	42" x 24"	40" x 22"
—	—	IST423012	IST423016	42" x 30"	40" x 28"
—	—	IST423612	IST423616	42" x 36"	40" x 34"
—	—	IST483612	IST483616	48" x 36"	46" x 34"





INDUSTRIAL ENCLOSURES

EEMAC/NEMA 3 Wiring Troughs

Raintight Construction

- Splitter blocks mounted on standoffs
- Provision for sealing
- Drain hole provided



CATALOGUE #	DESCRIPTION			DIMENSIONS
	4TH WIRE	AMP.	LENGTH	
3ST22253	—	225	24"	8" x 4-1/2"
3ST32253	(4)	225	36"	
3ST42253	(4)	225	48"	
3ST34003	—	400	36"	10" x 6"
3ST44003	(4)	400	48"	
3ST54003	(4)	400	60"	
3ST64003	(4)	400	72"	
3ST56003	(4)	600	60"	11" x 7"
3ST66003	(4)	600	72"	

EEMAC/NEMA 4 & 12 Wiring Troughs

Rugged Gasketed Construction.

- Stainless steel clamps & outside screws
- Provision for sealing
- Built to EEMAC/NEMA 4 standards



CATALOGUE #	DESCRIPTION			DIMENSIONS
	4TH WIRE	AMP.	LENGTH	
ST22253	—	225	24"	8" x 4-1/2"
ST32253	(4)	225	36"	
ST42253	(4)	225	48"	
ST34003	—	400	36"	10" x 6"
ST44003	(4)	400	48"	
ST54003	(4)	400	60"	
ST64003	(4)	400	72"	
ST56003	(4)	600	60"	11" x 7"
ST66003	(4)	600	72"	

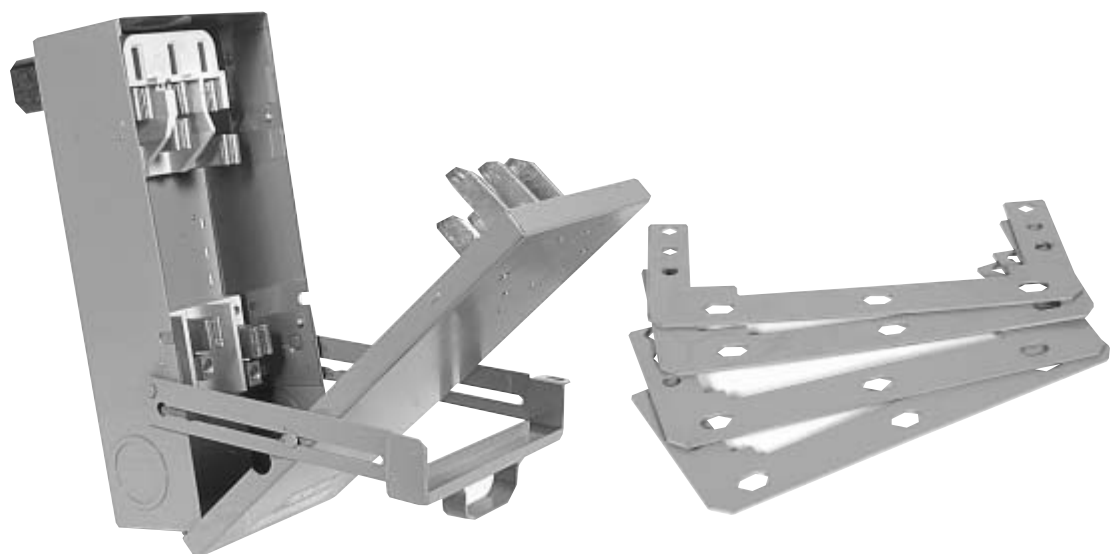


- Industrial Enclosures
- Custom Enclosures
- Steel - Aluminum -
Stainless Steel



Ontario Hydro Enclosure

Ask about Custom Built Enclosures



• Formerly known
as Taylor

INDUSTRIAL BUSDUCT

FEATURES:

- Eight plug-in openings each side of a standard ten foot length.
- Provides power take-off every six inches throughout an installation.
- Joint covers on each side of a splice give easy access to all bus bar joints.
- Covers are interchangeable side for side.
- Side rail splice plate secured quickly and firmly by means of only two screws.
- Self tapping screws for greater convenience in making housing connections.
- Bus-bars are held firmly in the duct, there is no slippage when erected in a vertical position.
- Caliper type hanger facilitates and speeds installation.
- Finish is grey enamel.

GENERAL:

Type DE Flex-A-Power plug-in system is a safe, economical yet flexible system of power distribution and take off. Primarily designed for industrial and commercial buildings, it can be mounted either in a horizontal plane or vertically as a riser. All ratings are manufactured in standard 10 foot lengths but special sections can be made when required.

Each standard 10 foot section is provided with eight plug-in openings on each side at 12 inch centres. A power take off, by means of a Flex-A-Plug, may thus be made from either side of a run. Either fusible or circuit breaker type Flex-A-Plug are available.

All plug-in openings are equipped with rotating dust covers which provide protection from dust or moisture when the opening is not in use.

CURRENT RATINGS:

Copper - 250, 400, 600, 800 and 1000 amperes
Aluminum - 250, 400, 600, 800 amperes

VOLTAGE RATINGS:

- Up to 600 volts, 2 or 3 pole
- 120/208 volts, 3 phase, 4 wire, S.N.

SHORT CIRCUIT RATINGS:

- Up to 50,000 RMS amperes

Type DE Flex-A-Power is an easily expanded power system that will lend itself to any plant layout or machine alignment. It may also be used as a riser with plug-in power take-off at each floor. An entire installation may easily be removed and reinstalled in a new location.

CONSTRUCTION FEATURES:

HOUSING:

Type DE Flex-A-Power housing is manufactured from 16 gauge steel. The covers on each side are identical in all respects and are interchangeable side for side. The interlocking type of construction, coupled with overlapping splice plates at each joint, greatly increases the mechanical strength and rigidity of the assembly.

JOINT COVERS:

Identical joint covers are provided on each side of a splice. This permits easy access to both sides of a bus bar joint facilitating assembly.

BUS BARS:

Standard bus bars are high conductivity copper with the entire surface of each bar silver plated. Aluminum bus bars are available if specified. All bus bars are firmly held in place and do not require the addition of any other special supports when the duct is installed as a riser.

BUS BAR JOINTS:

All bus bar connections are bolted. Two special high tensile strength steel bolts in each bar ensure proper mechanical strength and electrical contact between surfaces. Lock washers are used to compensate for the difference in the co-efficient of heat between the steel bolts and bus bars.

BUS BAR SUPPORTS:

Bus bar supporting insulators are spaced on two foot centres. Made from shock resistant Electolite 5200-B having the highest dielectric strength, they eliminate the possibility of creepage or tracking.

HANGER ASSEMBLY:

two sets of supporting 'cradle' hangers are furnished with each standard ten foot length. These permit mounting of a Flex-A-Power run in either the flat or edgewise plane.

FINISH:

Standard finish is grey enamel.

GENERAL:

Furnish and install a Type DE Flex-A-Power Plug-in Bus Way System as manufactured by Hydel and as shown on the drawings which form part of this specification.

This Flex-A-Power System shall be totally enclosed by a rigid steel housing. As many sections as possible shall be standard ten foot lengths. Special sections and/or fittings shall be provided only where necessary to suit the installation.

Plug-in access openings shall be provided on each side and staggered so as to provide a power take-off point every six inches in a ten foot section.

Each plug outlet shall be provided with an outlet cover plate. The shape of the outlets and the spacings of the bus bars shall permit insertion of plug-in units in only one position so as to assure maintenance of phase relation.

All equipment shall be listed and approved by C.S.A.

HOUSING:

The housing shall consist of standardized assemblies of form sixteen gauge sheet steel to provide a rigid enclosure. The form of the housing shall be such that a continuous molding is included along the entire length, providing a convenient method for attachment of Plug-in units and for attaching supporting hanger brackets. Each section shall be provided with internal splice plates for each side. These are to be attached at one end of the housing and arranged so that they telescope into the adjoining length to ensure alignment and increase the mechanical strength and rigidity of the assembly.

Removable joint covers shall be provided for each side of a joint to facilitate the bolting of the bus bars and simplify any required periodic inspections.

INSULATORS:

Bus bar insulators shall be spaced on a maximum of 24" centres and shall be shock resistant, non-tracking, non-carbonizing Electrolite 5200-B to provide high dielectric strength.

BUS BARS:

Bus bars shall be round edge, hand-drawn copper of 98% conductivity, (alternative - round-edge electrical conductor grade aluminum, D-50S with T-6 temper). Copper bus bars shall be silver plated by the silver cyanide immersion process. All contact surfaces of aluminum bus bars shall be Alston 70 tin plated. Joints shall be of the overlapping type with at least two 3/8" bolts passing through each. Bus bar joints shall incorporate lock washers to assure high contact pressure throughout the life of the system.

HANGERS:

Two "Cradle Type" Hangers shall be provided with each ten foot length so that the system shall be supported at least every five feet.

They shall be of such design that they may be mounted at any point along the run. The Hangers shall be suitable for flat or edgewise mounting.

PLUG-IN UNITS:

All Flex-A-Plug Units shall consist of sheet-steel housing with hinged covers which shall totally enclose the switching mechanism whether mounted on the bus-way or not. They shall be provided with adequate knock-outs and necessary clamps for quick attachment of the plug to the housing. Flex-A-Plug Units shall be equipped with high contact Phosphor Bronze Pressure Stabs to engage the bus bars. All copper parts shall be silver-plated. Solderless lugs shall be provided on all load terminals.

FINISH:

The housing for both type DE Flex-A-Power Plug-in Bus Way and Flex-A-Plug Units shall be finished in Grey Enamel over a rust inhibiting base.

FITTINGS:

Type DE Flex-A-Power Fittings are basically the same construction as standard 10 foot lengths. Besides standard fittings, such as elbows and tees, special fittings and sections may be designed and fabricated to facilitate installations in difficult locations.

ELBOWS

Used to change the course of a run of Flex-A-Power 90 degrees in any direction in a flat or edgewise plane. Each leg of a standard elbow is 24 inches long but they may be manufactured in desired lengths to take up odd footage remaining in a run.

TEE CONNECTIONS

Manufactured for mounting in the flat or edgewise plane. They are required wherever it is necessary to "tap" into the main Flex-A-Power run with a branch run.

END BOXES

Close in the same end of a run of Flex-A-Power.

EXPANSION JOINTS

In extremely long runs, or where a run of DE Flex-A-Power crosses a building expansion joint, special Expansion joint Fittings are available to compensate for any difference in expansion or contraction between the building and the Flex-A-Power run.

CABLE TAP BOXES

Used where a run of Flex-A-Power is fed by conduit and wire or for power take-offs without overcurrent protection. Installed at joints between straight lengths or at the end of a run. When used at the end of a run, end boxes are required and should be ordered separately.

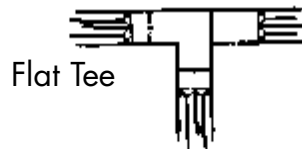
Type FE Fusible Flex-A-Plug



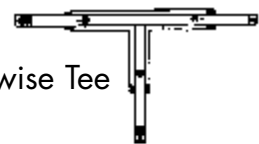
Flat Elbow



Standard Section of
250 amp Type de Flex-A-Power
Showing Plug-in Opening and
Dust Cover



Flat Tee



Edgewise Tee



Edgewise
Elbow

Caliper Type
Cradle Hanger



3 Phase, 3 Wire 600V

AMPERE RATING	CU CAT. NO	AI CAT NO	CABLE TAP BOXES	END CLOSERS	HARDWARE KITS
250A	DEC 250-3	DEA250-3	DEB13	DEE13	DEH13
400A	DEC 400-3		DEB13	DEE13	DEH13
400A - 600A	DEC 600-3	DEA 400-3	DEB23	DEE 23	DEH23
600A - 800A	DEC 800-3	DEA 600-3	DEB33	DEE 33	DEH33
800A - 1000A	DEC 1000-3	DEA 800-3	DEB33	DEE 33	DEH33

3 Phase, 3 Wire 600V BUS DUCT

COPPER/CU CAT. #	AMP	WT/10 FT LENGTH (LBS.)	ALUMINUM/AI CAT. #	AMP	WT/10 FT LENGTH (LBS.)
DEC250-3	225	80	DEA250-3	225	66
DEC400-3	400	80	DEA400-3	400	81
DEC600-3	600	125	DEA600-3	600	95
DEC800-3	800	170	DEA800-3	800	103
DEC1000-3	1000	170			

Cable Tap Boxes*

CATALOGUE #	WT/LBS EA.
DEB13	38
DEB23	52
DEB33	64

End Closers

CATALOGUE #	WT/LBS EA.
DEE13	8
DEE23	8
DEE33	8

Hardware Kits**

CATALOGUE #	WT/LBS EA.
DEH13	8
DEH23	10
DEH33	13



* Cable Tap Boxes are for centre or end-of-run use. When used on end of a run, order end closer separately.

** One hardware kit is required with each ten foot length, part length, elbow or tee. Each hardware kit consists of two type "DE" hanger assemblies, joint hardware and joint covers.

Bus Duct & Accessories

Hydel
Sicame Group

3 PHASE, 4 WIRE

3 Phase, 4 Wire FCN up to 240V

AMPERE RATING	CU CAT. NO	AI CAT NO	CABLE TAP BOXES	END CLOSERS	HARDWARE KITS
250A	DEC 250-4	DEA 250-4	DEB14	DEE 13	DEH14
400A	DEC 400-4		DEB14	DEE 13	DEH14
400A - 600A	DEC 600-4	DEA 400-4	DEB24	DEE 23	DEH24
600A - 800A	DEC 800-4	DEA 600-4	DEB34	DEE 33	DEH34
800A - 1000A	DEC 1000-4	DEA 800-4	DEB34	DEE 33	DEH34

3 Phase, 4 Wire FCN up to 240V

COPPER/CU CAT. #	AMP	WT/10 FT LENGTH (LBS.)	ALUMINUM/AI CAT. #	AMP	WT/10 FT LENGTH (LBS.)
DEC250-4	225	96	DEA250-4	225	80
DEC400-4	400	96	DEA400-4	400	97
DEC600-4	600	150	DEA600-4	600	114
DEC800-4	800	204	DEA800-4	800	124
DEC1000-4	1000	204			

Cable Tap Boxes*

CATALOGUE #	WT/LBS EA.
DEB14*	42
DEB24*	57
DEB34*	70

End Closers

CATALOGUE #	WT/LBS EA.
DEE13	8
DEE23	8
DEE33	8

Hardware Kits**

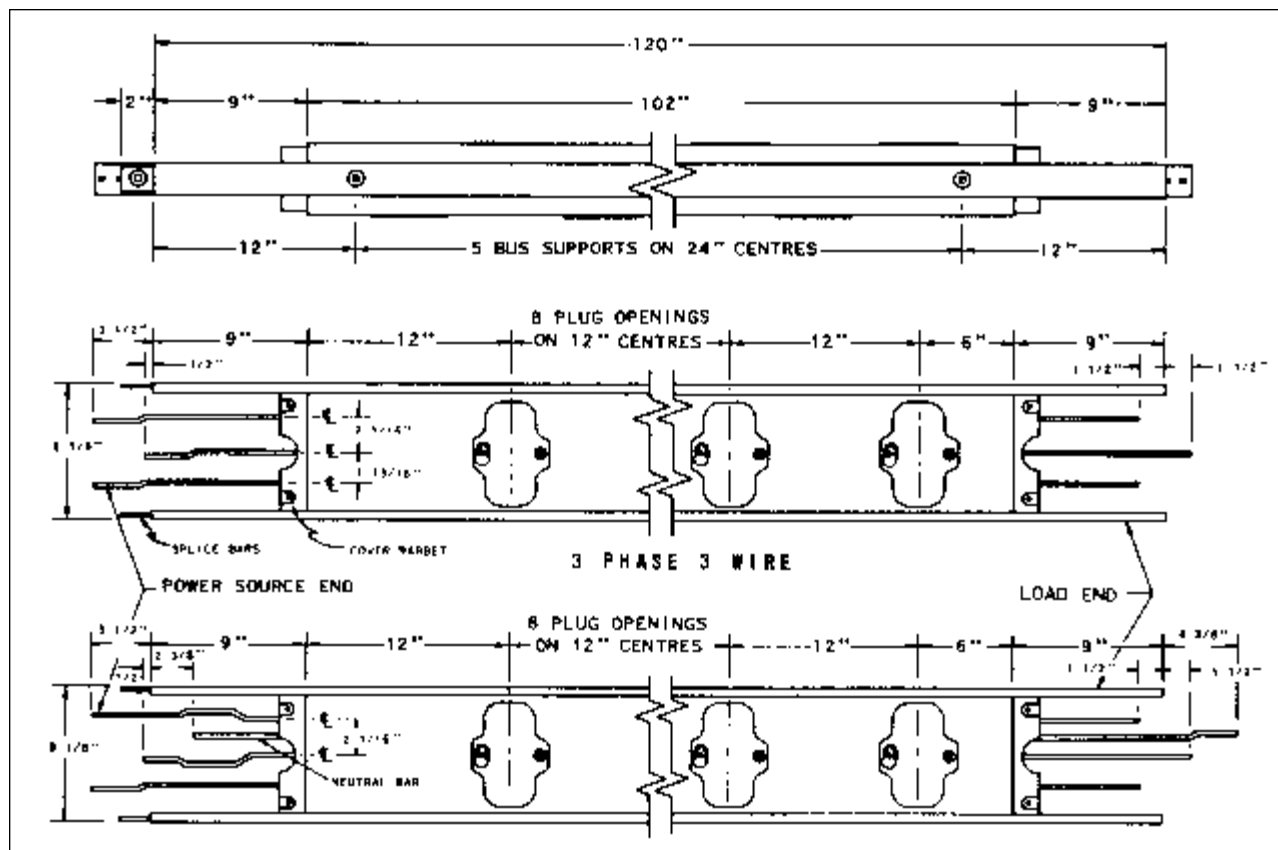
CATALOGUE #	WT/LBS EA.
DEH14**	9
DEH24**	11
DEH34**	14



* Cable Tap Boxes are for centre or end-of-run use. When used on end of a run, order end closer separately.

** One hardware kit is required with each ten foot length, part length, elbow or tee. Each hardware kit consists of two type "DE" hanger assemblies, joint hardware and joint covers.

DIMENSION DATA:

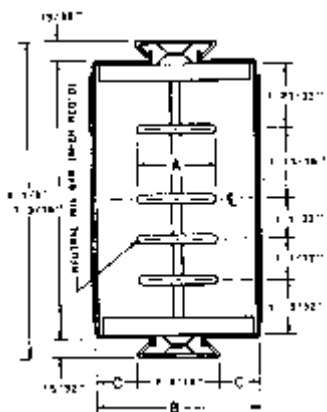


3-Phase, 4-Wire, Standard 10 foot lengths

Short Circuit Ratings: To 50,000 RMS Amps

Voltage Ratings: Up to 600V, 2- or 3-Pole

120/280V - 3-Phase, 4-Wire



Rating In Amps	No. of Poles	Copper/Alum. Bus Bars	Bus Bar, and Neutral Size	Approx. Wt. Lbs. Per Ft.	Dimensions Ins.		
					A	B	C
250	3	Copper	1/4 x 1 Tubular	7.3	1	3 ³ / ₁₆	1/2
250	3PH 4W	Copper	1/4 x 1 Tubular	7.8	1	3 ³ / ₁₆	1/2
400	3	Copper	1/4 x 1	8.5	1	3 ³ / ₁₆	1/2
400	3PH 4W	Copper	1/4 x 1	9.5	1	3 ³ / ₁₆	1/2
600	3	Copper	1/4 x 2	11.8	2	4 ³ / ₁₆	1
600	3PH 4W	Copper	1/4 x 2	13.7	2	4 ³ / ₁₆	1
800	3	Copper	3/16 x 4	16.6	4	6 ³ / ₁₆	2
800	3PH 4W	Copper	3/16 x 4	19.5	4	6 ³ / ₁₆	2
1000	3	Copper	1/4 x 4	19.4	4	6 ³ / ₁₆	2
1000	3PH 4W	Copper	1/4 x 4	12.5	4	6 ³ / ₁₆	2
250	3	Aluminum	1/4 x 1	6.7	1	3 ³ / ₁₆	1/2
250	3PH 4W	Aluminum	1/4 x 1	7.0	1	3 ³ / ₁₆	1/2
400	3	Aluminum	1/4 x 2	7.8	2	4 ³ / ₁₆	1
400	3PH 4W	Aluminum	1/4 x 2	8.4	2	4 ³ / ₁₆	1
600	3	Aluminum	3/16 x 4	10.5	4	6 ³ / ₁₆	2
600	3PH 4W	Aluminum	3/16 x 4	11.3	4	6 ³ / ₁₆	2
800	3	Aluminum	1/4 x 4	11.3	4	6 ³ / ₁₆	2
800	3PH 4W	Aluminum	1/4 x 4	12.5	4	6 ³ / ₁₆	2

Type "FE" – Cover Operated, Slow Make-Slow Break, Fusible Disconnect, Isolation Use Only - Most Commonly Used Style

600V, 3-Phase, 3-Wire

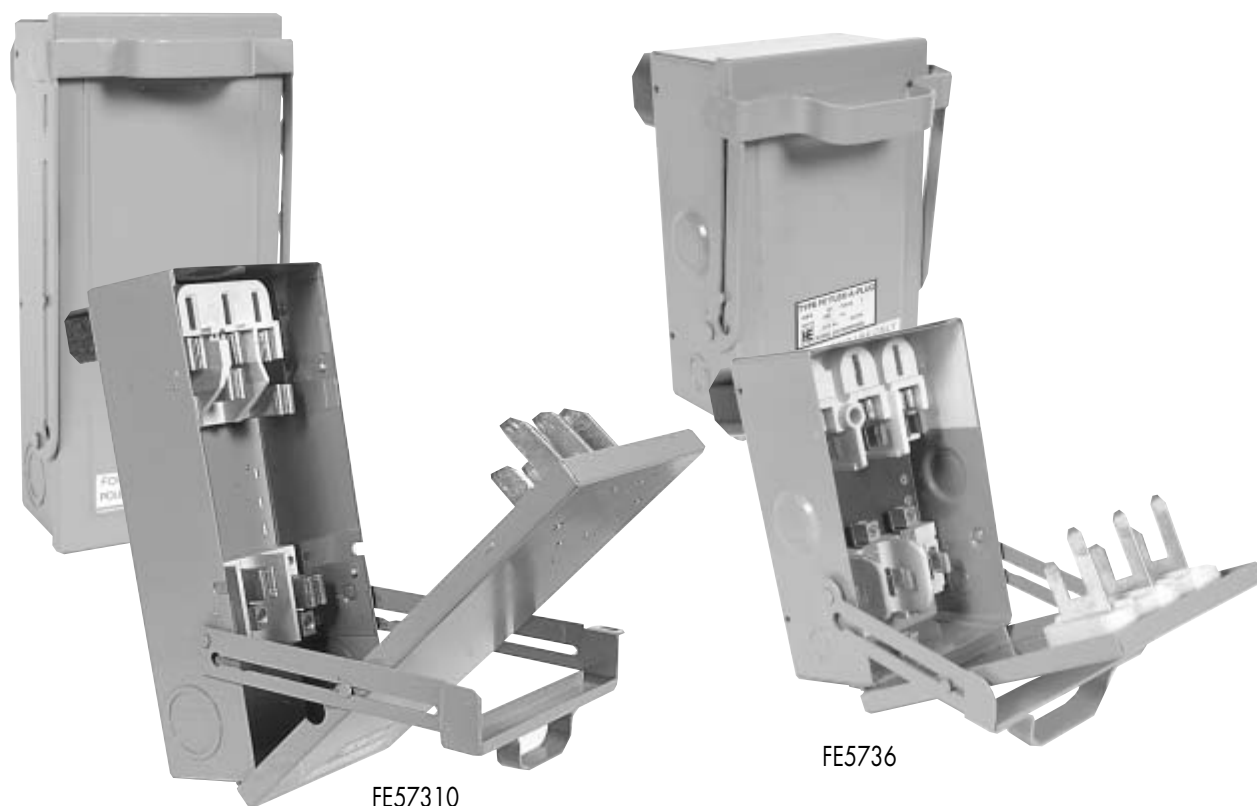
AMPERE RATING	CATALOGUE #	WT/LBS. EA.
30 A	FE5733	13
60 A	FE5736	13
100 A	FE57310	16
200 A	FE57320	41
400 A	FE57340	90

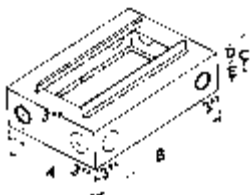
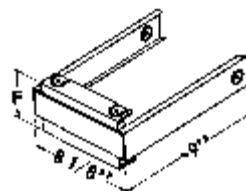
240V 3-Pole

AMPERE RATING	CATALOGUE #	WT/LBS. EA.
30 A	FE2333	13
60 A	FE2336	13
100 A	FE23310	16
200 A	FE23320	41
400 A	FE23340	90

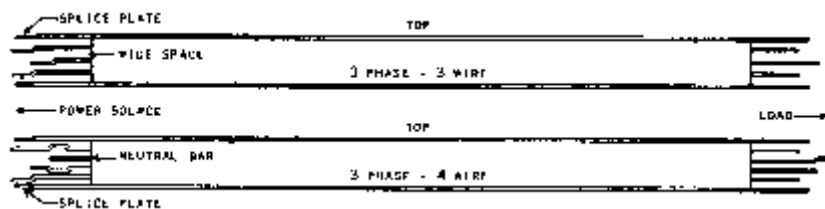
120/208V, 3-Phase 4-Wire, SN

AMPERE RATING	CATALOGUE #	WT/LBS. EA.
30 A	FE2343SN	14
60 A	FE2346SN	14
100 A	FE23410SN	17
200 A	FE23420SN	42
400 A	FE23440SN	92



**Cable
Tap Box****End
Box****2- and 3-Poles and 3-Phase, 4-Wire**

BOX	COPPER (DEC)		ALUMINUM (DEA)		DIMENSIONS					
SIZE	CABLE	LUGS	CABLE	LUGS	A	B	C	D	E	F
1	250/400	1-500 MCM	250	1-500 MCM	16	24	6	3	3	3 ³ / ₁₆ "
2	600	2-350 MCM	400	2-350 MCM	20	30	7 ¹ / ₂	4 ¹ / ₂	3	4 ³ / ₁₆ "
3	800/1000	3-500 MCM	600/800	3-500 MCM	20	36	8	4	4	6 ³ / ₁₆ "

Assembly Instructions**Figure 1**

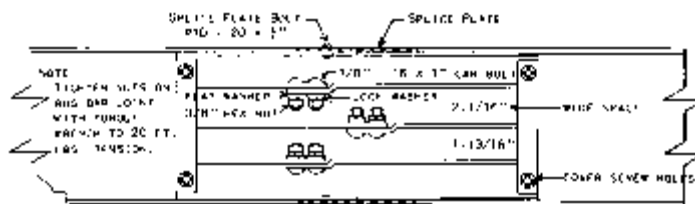
Type DE Flex-A-Power is packaged and shipped in sections which are assembled in a single run on the job site. With each section a hardware package is supplied which includes the necessary hangers, joint covers, bolts nuts and washers to make a complete joint between two sections.

Type DE Flex-A-Power Bus Duct may be hung horizontally in the "edgewise" or "flat" position or vertically as risers between floors etc. the usual

method is to mount the duct in the horizontal edgewise position.

Three phase-3 wire duct is mounted with the wide spacing between bars at the top. Three phase-4 wire duct is mounted with the neutral bar at the top.

In both 3 phase-3 wire and 3 phase-4 wire duct the end having the bars offset normally faces toward the power source and the straight bars toward the load. Flex-A-Power housings are clearly marked "TOP" and "SOURCE END".

**Figure 2**

To connect two sections of DE Flex-A-Power together the sections should be located on the same plane and then pushed together. The splice plates on the side rail end of one section fit into the side rails of the second section and are bolted in place.

The straight bars must be located inside of the offset bars approximately 20 ft. lbs. torque is recommended. The joint covers are installed with 4 - 10/24 x 3/8 robertson head self-threading screw in each.

Assembly Instructions

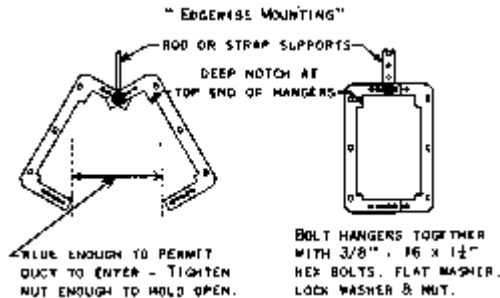


Figure 3

Figure 4

Hanger Rod or Straps should be installed and hangers attached with the bottoms open. (Figure 3). Duct can then be raised into position and hangers closed and bolted. (Figure 4) If desired, two or three lengths may be assembled together on the floor and raised into position as a single unit.

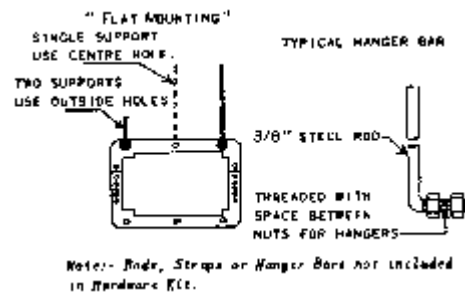


Figure 5

Figure 6

If duct is to hang in the flat horizontal position follow Figure 5.

DE Flex-A-Power in the vertical position (between floors etc.) should be installed with the neutral 9 or wide space) on the left when facing the side of the duct that plugs will be mounted on. Special J-hooks will be supplied on request only for hanging in this position.

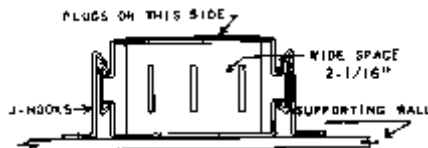


Figure 7

Flex-A-Plugs are completely self-aligning and cannot be incorrectly plugged into a run of Flex-A-Power due to the staggered spacing of the Flex-A-Power bus bars which assure correct phasing when a plug is connected.



Figure 8

Clamp Hangers are supplied with each Flex-A-Plug to mechanically fasten it to the Flex-A-Power housing. Figure 8 shows a type FE Flex-A-plug secured to the duct by means of a Clamp Hanger.

Ground Rods, Galvanized

All Ground Rods come with cone point.

Cat.No.	Size	Pkg.Qty.	Wt.-lbs./ C
1205G	1/2 x 5'	10	330
1206G	1/2 x 6'	10	395
1207G	1/2 x 7'	10	460
5806G	5/8 x 6'	10	600
5807G	5/8 x 7'	5	700
5808G	5/8 x 8'	5	800
5810G	5/8 x 10'	5	1000
3406G	3/4 x 6'	5	900
3408G	3/4 x 8'	5	1200
3410G	3/4 x 10'	5	1500
3420G	3/4 x 20'	1	3000
1008G	1 x 8'	3	2200
1010G	1 x 10'	2	2500
Black Ungalvanized Ground Rods:			
5808B	5/8 x 8'	5	800
5810B	5/8 x 10'	5	1000



3410G

Grounding Plate

One grounding plate. One ground connector. Shallow pit required. No power equipment required. Ground plates are easy to carry and transport. One ground plate weighs only 11 lbs. each. Pit in which ground plate rests must remain open until inspection has taken place.

Cat.No.	Description	Pkg.Qty.	Wt. Ea.
Ontario / Atlantic / British Columbia:			
1016GPGC	1/4" x 10" x 16" plate c/w bronze grounding connector, galvanized #733.C, wire range #8 to 3/0	4	11.5 lbs.
1016GPG	10" x 16" grounding plate less connector, galvanized	4	11 lbs.
Alberta:			
1016GPL	1/4" x 10" x 16" black plate, not galvanized	4	11 lbs.
1016GPC	1/4" x 10" x 16" black plate, c/w connector, not galvanized	4	11.5 lbs.

CSA approved and stamped.
Also available with 3/4" shank.



1016GPGC

Grounding Connectors

CONNECTORS

Hydel
Sicame Group

Connectors

(Galvanized Steel)

Cat. No.	Size	Pkg. Qty.	Wt.-lbs./ C
712	1/2" rods	50	65
725	5/8-3/4 rods	50	65
710	3/4 -1" rods	50	70
714R	1/2" strand	50	45
Connector (Malleable Castings)			
758	5/8-1" rods	100	20
758C	5/8-1" bronze	100	20



710



758



714R

Bronze Grounding Connectors

Cat.No.	Rod Size	Maximum Wire Size	Wt.-lbs./c
712C	1/2"	1/0 Str.Cu.	27
729C	5/8"	# 2 Str.Cu.	17
733C	3/4"	3/0 Str.Cu.	23
734C	3/4"	4/0 Str.Cu.	36
710C	1"	25 OMCM Str.Cu.	100
120CU	1" - 5/8"	2/0 Str.Cu.	68
1250CU	1" - 5/8"	25 OMCM Str.Cu.	68



729C



120CU

Ground Rod Driver

– is made of 1.1/2" double extra heavy steel pipe 4' with a steel plug doweled & welded in the top end.

Cat.No.	Size	Pkg. Qty.	Wt.-lbs/ C
780	5/8-3/4"	1	2700
Ground Rod Driver Extension			
781	5/8 x3/4"	1	1500
Sectional threadless Coupling for Galvanized threadless Rods			
34 SGC	Zinc 3/4	25	33
58 SGC	Zinc 5/8	25	33



34 SGC

Copper Clad Ground Rods And Connectors

Rods are bundled in bundles of 5, connectors packaged in packages of 20.

Cat. No.	Size	Wt.-lbs./ C
5806CC	5/8 x 6'	580
5808CC	5/8 x 8'	640
5810CC	5/8 x 10'	800
3406CC	3/4 x 6'	720
3408CC	3/4 x 8'	960
3409CC	3/4 x 9'	1,080
3410CC	3/4 x 10'	1,200
1010CC	1 x 10'	2,130
Sectional Copper Clad Rods		
5808SC	5/8 x 8'	640
5810SC	5/8 x 10'	800
3408SC	3/4 x 8'	960
3410SC	3/4 x 10'	1,200
Couplings		
12SC	1/2"	15
58SC	5/8"	26
34SC	3/4"	42
10SC	1"	85
Driving Studs		
12DS	1/2"	15
58DS	5/8"	23
34DS	3/4"	35
10DS	1"	81

Sectional copper clad rods are threaded at top and bottom. Two or more rods may be coupled together to make up the desired length. Threaded couplings are made of bronze.

Driving studs are made of high strength carbon steel and are used to prevent damage to top-end threads or couplings- 1 stud required every 2 rods.



58SC



34DS

Copper Grounding Connection Plate

– made of hard copper with slots for # 6 copper wire connectors. Attached to pole with 1/4" lag bolts. Connectors and bolts not included.

Cat. No.	Size	Std.Pkg.	Wt.-lbs/ C
790	Slotted plate (3 Connectors)	20	30
791	Slotted plate (6 Connectors)	20	60



791



790

Inspection Grounding Boxes

Cat.No.	Size	Std.Pkg.	Wt.-lbs./C
700	10" diameter. x 12" deep (Hot dip Galvanized)	5	1200
724	10" diameter. x 24" deep (Hot dip Galvanized)	1	2400
770	10" diameter. x 12" deep (made from Galvanized Steel)	5	1200
Also 700A, 770A etc. for assembled units.			
711R	Rectangular Inspection Box 6-1/2" x 11-1/2" x 10"	1	1000



711

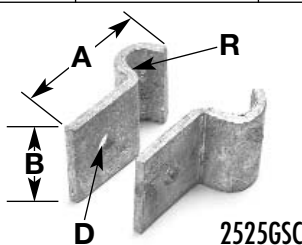


700

Ground Wire Clips

- Made from 1/8" x 3/4" mild steel
- Used to fasten ground wires on steel structures
- Accommodates conductor range of 1/0 to 2000MCM AWG stranded copper

Cat.No.	A inches	B inches	D inches	R inches	Wt.-lbs. (100 pcs.)	Std.Pkg.
2525GSC	1-1/2	3/4	9/32	3/16	4.5	100
2526GSC	1-1/2	3/4	9/32	15/64	6	100



2525GSC

Hydel **Grounding**

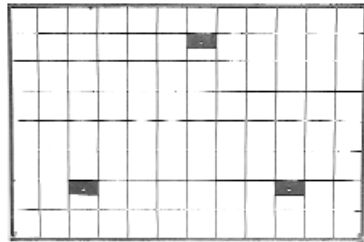
Sicame Group

GRADIENT MATS & STAPLES

Gradient Control Mat

- Hot dip galvanized, used at switch position in sub-stations.
- Made from 6" x 6" welded mesh 1/4" diameter with pads for installation of 3 grounding connectors.
- Grounding connectors 2/0 AWG-250 MCM included in Cat.No. 6466GCC x 3 pieces.

Cat. No.	Size	Std.Pkg.	Frame	Wt.-lbs./ each
6466GCM	6" x 4"	1	1/8 x 3/4 x 3/4 Angle	35
6466GCC	6" x 4"	1	1/8 x 3/4 x 3/4 c/w conn x 3 pcs. Angle	37
6466GCM1	6" x 4"	1	1/8 x 3/4 x 3/4 (No Connector Pads) Angle	35
6466GCM3	6" x 4"	1	1/8 x 1 x 1 Angle	35
6466GCM5	6" x 4"	1	1/4 x 1-1/4 Bar	35
6466GCM6	6" x 4"	1	1/4 x 1-1/2 Bar	35



6466GCM



2AWGC

Plastic and Wood Ground Wire Moulding

Cat. No.	Size	Std.Pkg.	Wt.-lbs./ each
701	1/2" plastic moulding in 8' lengths - use # 703 staples	25	2
701W	1/2" wood moulding in 8' lengths - use # 704 staples	10	2
Staples (Galvanized)			
702	2" staple x 1/2" spread	100	3
703	2" staple x 13/16" spread	50	3
704	3" x 1" spread	50	12
705	3" x 1-1/2" spread	100	8
707	1-1/2" x 3/8" spread	100	1
708	2" x 1-1/16" spread	100	3
709	3" x 1-1/16" spread	100	7
713	3" x 1-03/4" spread	50	8

Other sizes available upon request.



701W



703



707

Hydel

Sicame Group

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