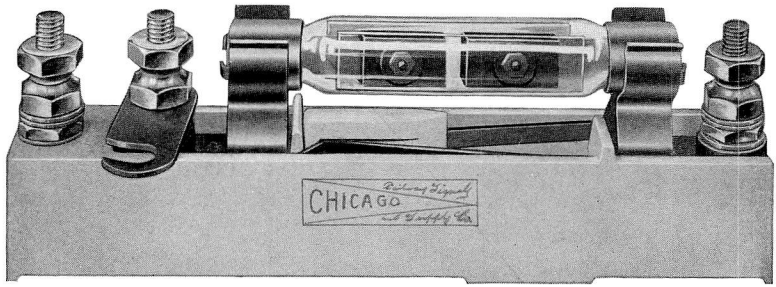
1914

CATALOGUE AND PRICE LIST

SECTION I

Lightning Arresters
Resistance Units
Terminals
Connectors
Ground Tubes and Rods
Tags
Wires
Socket Wrench
Locks
Steel Stencils
Solder

CHICAGO LIGHTNING ARRESTERS



Chicago "Vacuum" Lightning Arrester, Style "A"
Size, 6⅝" Long, 1" Wide, 2½" High

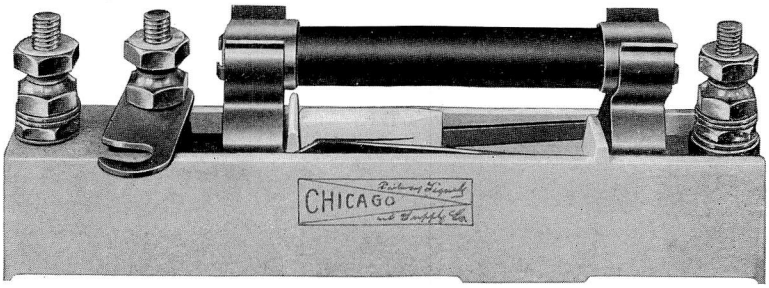
Style "A" and Style "B" Lightning Arresters are substantially constructed, and mounted on a heavy Porcelain Base. They are equipped with a "Static" Discharge Tube which will discharge "Static" continuously without danger of "Grounding" at a Voltage of approximately 450 Volts. The Horn Type Springs take care of any heavier Lightning Discharges and crosses with Power Circuits.

Standard **R. S. A.** Binding Posts are used, the upper and lower being the "Line" Posts and the middle one the "Ground" Post. A standard Connecting Clip is furnished to provide a common ground, where Arresters are banked side by side on one-inch centers, all parts of these Arresters are easily accessible and can be instantly removed for inspection.

A pair of Horn Type Springs, separated by a fireproof porous septum block so shaped that the air gap varies from $\frac{1}{32}$" at the bottom to nearly 1" at the top, prevents any arc which may have been caused by lightning, from being sustained by the ordinary working currents. The Septum Block prevents any possibility of fusing the springs.

The Glass Vacuum Tube for Style "A" Arrester is heavy and of ample proportions to insure long life. It is provided with ferrule ends so it may be easily and quickly inserted or removed from the spring clips. The gap between the "Carborundum" Electrodes in Low Voltage Tube, although spaced far enough apart so that an arc cannot be sustained, is equivalent to a gap of .001" in open air. The gap in the High Voltage Tube is equivalent to a gap of .005" in open air. The Low Voltage type should not be used on Voltages above 110 Volts or on circuits having a current flow of more than one-half ampere, otherwise there is danger of sustaining an arc by the working current. The High Voltage type may be used on 110 and 220 Volt Power Circuits and on 500 Volt D. C. Street Railway Signal Circuits.

CHICAGO LIGHTNING ARRESTERS



Chicago "Non-Air" Gap Lightning Arrester, Style "B"
Size, 6⅝" Long, 1" Wide, 2½" High

The "Non-Air-Gap" Static Discharge Tube for Style "B" Arresters is made of fireproof fibre with ferrule ends. The Tube is filled with fine granular carborundum into which a number of prongs, which are part of the ferrule ends, protrude. The "Carborundum" granules in the air-tight tube offer practically no resistance to Lightning or Static Discharges, but to the ordinary working currents they offer a resistance of approximately 150,000 Ohms.

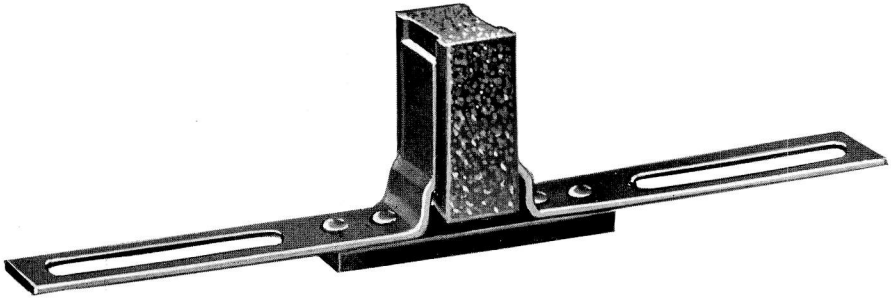
These Arresters are equally well adapted for use on D. C. or A. C. lines, and will discharge Lightning and Static continuously without interrupting the regular service, and are highly recommended where reliable high efficiency Arresters are required. They take the place of Terminals when used in Relay Boxes, Signal Cases, etc.

Trade No.	DESCRIPTION	List Price
225	Style A Lightning Arrester complete with Low Voltage Glass Vacuum Discharge Tube for use on lines of 110 Volts or less	$4.00
225–16	Same as above except with High Voltage Glass Vacuum Discharge Tube for use on lines of 110 Volts or higher	4.00
226	Style B Lightning Arrester complete with Fireproof "Non-Air-Gap" Discharge Tube	2.50
225–1	Low Voltage Vacuum Discharge Tube	2.00
225–17	High " " " "	2.00
226–1	Fireproof Non-Air-Gap " "	.70
225–9	Septum Separator for Horn Springs	.20
225–10	Porcelain Base	.75

SPARK GAP LIGHTNING ARRESTERS

No. 227

Style "A" Spark Gap (Full Size)



No. 228

Style "B" Spark Gap (Full Size)

These Spark Gaps are used between Binding Posts of Magnet Terminals on track or line Relays and will positively prevent "Burn-outs" of Magnet Coils by Lightning or Static Discharges. They will fit Relays of any manufacture.

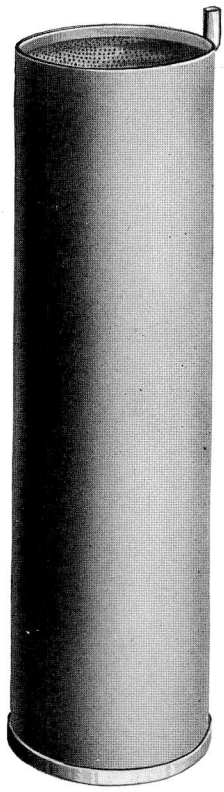
Style "A" is a plain metal to metal gap having an opening of $\frac{1}{32}$" between points and Style "B" is equipped with a pair of clips between which a high resistance block of carborundum is held securely in place. This block does not allow current used on Relays to pass but offers practically no resistance to static lightning discharges.

Trade No.	DESCRIPTION	List Price
227	Style A Plain Spark Gap as shown, each	$0.25
228	" B Carborundum Spark Gap as shown, each	.60
228–4	Carborundum Block for Style B Spark Gap, each	.25

CHICAGO GROUND TUBES AND RODS

"Chicago" Ground Tubes are made of perforated pure sheet copper 5" in diameter, one, two and three feet long. Tubes are provided on their upper end with a heavy copper wire lug for a No. 4 or lighter copper wire. They are filled with fine charcoal which absorbs moisture and keeps earth around the tube always in a moist condition, thus insuring a perfect and permanent ground. These Tubes are inserted into ground by using an ordinary post hole auger, making same the cheapest to install. No. 280–1 presents 227 square inches of surface, No. 280–2—415 square inches and No. 280–3—604 square inches from which it is self-evident that they provide an exceedingly good "Ground" at a low first cost.

GROUND RODS are furnished plain or galvanized, and are made of first class material, insuring sufficient stiffness to allow proper driving.



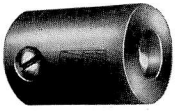
"Chicago" Copper Ground Tube

"Chicago" Ground Rod

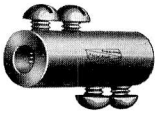
Trade No.	DESCRIPTION	List Price
280–1	Copper Ground Tube, one foot long complete with Charcoal	$2.70
280–2	" " " two feet " " " "	4.50
280–3	" " " three " " " " "	6.30
281–1	Ground Rod "Plain" ⅜" x 6'	.36
281–2	" " " ½" x 6'	.50
281–3	" " " ½" x 7'	.60
281–4	" " " ⅝" x 8'	.85
281–11	" " "Galvanized" ⅜" x 6'	.50
281–22	" " " ½" x 6'	.60
281–33	" " " ½" x 7'	.75
281–44	" " " ⅝" x 8'	.....

CONNECTORS

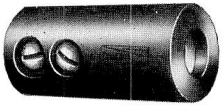
No. 230
1″ Long



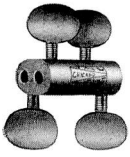
No. 231
1¼″ Long



No. 232
1½″ Long



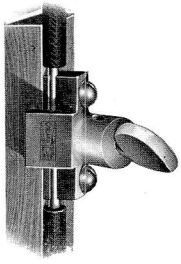
No. 233
1¾″ Long



No. 234
1¼″ Long

No. 235
2¼″ Long

No. 236
½″ Long



No. 237
For Battery Elevators

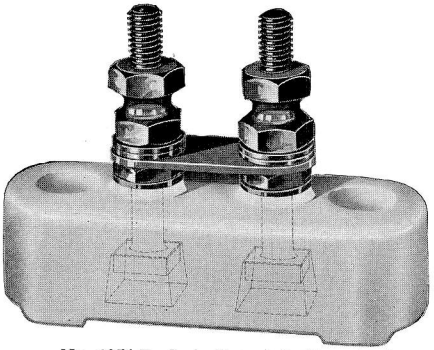
The Connectors shown above are used in Battery Chutes, Wells, and Battery Boxes, etc., where frequent connections have to be made. Connector No. 235 for Line Wire Taps.

Connector No. 237 is fastened to Vertical Strips of Battery Elevators. This Connector makes a permanent and neat job of Elevator wiring at least expense and at same time makes perfect connections and cannot "ground" battery wire.

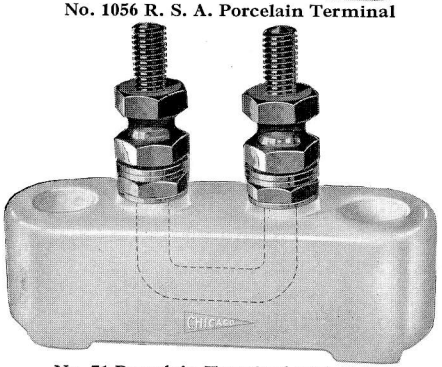
Trade No.	DESCRIPTION	List Price
230	Double Brass Connector with Heavy Cast Brass Thumb Screws, each	$0.13
231	Insulated Brass Connector for use in Iron Battery Chutes and other places where plain connector may "ground" complete with Two (2) Machine Screws, each	.30
232	Double Brass Connector with Four (4) Machine Screws, each	.18
233	Same as above but Insulated, each	.40
234	Double Brass Connector with Four (4) Thumb Screws, each	.25
235	Line Wire Connector, used to tap Line Wires for Lightning Arresters and Multiple Connections, complete as shown (in ordering specify size of line wire and size of tap wire), each	.40
236	Single Brass Connector with heavy Thumb Screws, each	.10
237	Brass Battery Elevator Connector for use on Battery Elevators, complete with Wood Screws, each	.38

Railway Signal CHICAGO and Supply Co.

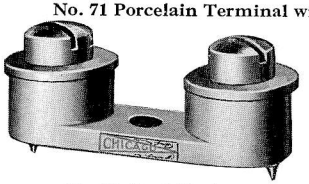
TERMINALS



No. 1056 R. S. A. Porcelain Terminal

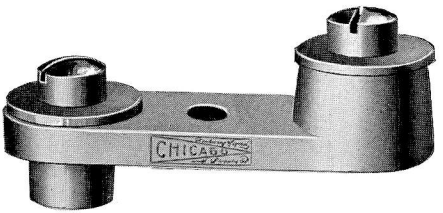


No. 71 Porcelain Terminal with U Bolt



No. 72 (Full Size)

No. 73 (Full Size)



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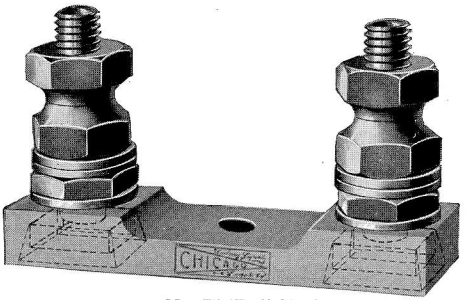
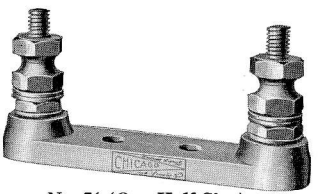
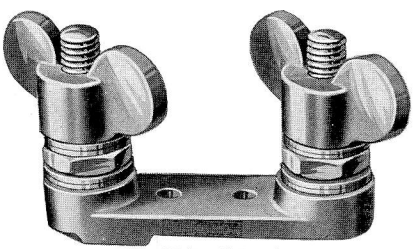


No. 75 (Full Size)



No. 76 (One Half Size)



No. 77 (Full Size)

Porcelain Terminals shown are in accordance with **R. S. A.** Drawings and Specifications. They can be mounted on 1″ centers, No. 71 does not require connecting strap as it is provided with a U Bolt Binding Post. Cast Brass and Bronze Terminals are provided with accurately fitting screws, nuts and washers.

Trade No.	DESCRIPTION	List Price
1056	Standard 1056 **R. S. A.** Porcelain Terminal complete	$0.30
71	Same as above except with U Bolt Binding Post	.28
72	Cast Brass Terminal complete as shown, each	.16
73	" " " " " " "	.16
74	" " " " " " "	.24
75	Cast Bronze Terminal with Standard **R. S. A.** Binding Posts complete	.30
76	" " " " " " " " " " "	.32
77	" " " " Heavy Wing Nuts (N. Y. Central) "	.40

RUBBER COVERED INSULATED WIRES

N. I. R. Solid Conductor Rubber Covered Wire, Finished with One Braid

N. I. R. Solid Conductor Rubber Covered Wire, Finished with Tape and Braid

N. I. R. Stranded Conductor Wire, Finished with One Braid

N. I. R. Stranded Conductor Wire, Finished with Tape and Braid

N. I. R. Flexible Conductor Wire, Finished with Tape and Braid

Trade No.	DESCRIPTION	List Price
1–1	No. 6 B. & S. Single Braid Rubber Covered Wire, **R. S. A.** Specifications..	Prices Upon Application
1–2	Same as above with Tape and Braid	
1–3	No. 6 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–4	" 8 " " " " Single Braid Rubber Covered Wire, **R.S.A.** Specifications	
1–5	Same as above with Tape and Braid	
1–6	No. 8 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–7	" 9 " " " Single Braid Rubber Covered Wire, **R. S. A.** Specifications	
1–8	Same as above with Tape and Braid	
1–9	No. 9 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–10	" 10 " " " " Single Braid Rubber Covered Wire, **R.S.A.** Specifications	
1–11	Same as above with Tape and Braid	
1–12	No. 10 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–13	No. 12 B. & S. Gauge Single Braid Rubber Covered Wire, **R. S. A.** Specifications	
1–14	Same as above with Tape and Braid	
1–15	No. 12 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–16	No. 14 B. & S. Single Braid Rubber Covered Wire, **R. S. A.** Specifications	
1–17	Same as above with Tape and Braid	
1–18	No. 14 B. & S. Gauge Rubber Covered Wire, National Electric Code Standard	
1–19	No. 6 B. & S. Single Braid Stranded Rubber Covered Wire, **R. S. A.** Specifications	
1–20	Same as above with Tape and Braid	
1–21	No. 6 B. & S. Gauge Stranded Rubber Covered Wire, National Electric Code Standard	
1–22	No. 8 B. & S. Single Braid Stranded Rubber Covered Wire, **R. S. A.** Specifications	
1–23	Same as above with Tape and Braid	
1–24	No. 8 B. & S. Stranded Rubber Covered Wire, National Electric Code Standard	
1–25	No. 9 B. & S. Single Braid Stranded Rubber Covered Wire, **R. S. A.** Specifications	
1–26	Same as above with Tape and Braid	
1–27	No. 9 B. & S. Stranded Rubber Covered Wire, National Electric Code Standard	
1–28	No. 10 B. & S. Single Braid Stranded Rubber Covered Wire, **R. S. A.** Specifications	
1–29	Same as above with Tape and Braid	
1–30	No. 10 B. & S. Stranded Rubber Covered Wire, National Electric Code Standard	
1–31	No. 8 Flexible Conductor Rubber Covered, Taped and Braided Signal Wire	
1–32	" 9 " " " " " " " " " "	
1–33	" 10 " " " " " " " " " "	
1–34	" 12 " " " " " " " " " "	
1–35	" 14 " " " " " " " " " "	

WIRE

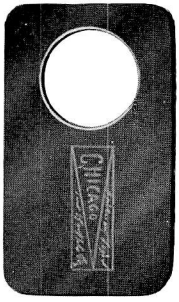
Trade No.	DESCRIPTION	Price List Per Pound
	BARE LINE WIRE	
1-40	No. 6 B. & S. Gauge, Hard Drawn, Bare, Copper Line Wire	
1-41	" 8 " " " " " " " " " " "	
1-42	" 10 " " " " " " " " " " "	
1-43	" 12 " " " " " " " " " " "	
1-44	No. 6 B. & S. Gauge, 30%, Hard Drawn, Bare, Copper Clad Steel Line Wire	
1-45	No. 8 B. & S. Gauge, 30%, Hard Drawn, Bare, Copper Clad Steel Line Wire	
1-46	No. 9 B. & S. Gauge, 30%, Hard Drawn, Bare, Copper Clad Steel Line Wire	
1-47	No. 10 B. & S. Gauge, 30%, Hard Drawn, Bare, Copper Clad Steel Line Wire	
1-48	No. 12 B. & S. Gauge, 30%, Hard Drawn, Bare, Copper Clad Steel Line Wire	
1-49	No. 6 B. W. G., E. B. B. Galvanized Iron Line Wire	
1-50	" 8 " " " " " " " " " " "	
1-51	" 10 " " " " " " " " " " "	
1-52	" 12 " " " " " " " " " " "	
1-53	" 6 " " " B. B. Galvanized Iron Line Wire	
1-54	" 8 " " " " " " " " " " "	
1-55	" 10 " " " " " " " " " " "	
1-56	" 12 " " " " " " " " " " "	
	WEATHER PROOF INSULATION LINE WIRE	
1-57	No. 6 B. & S. Gauge, Double Braid, Weather Proof Hard Drawn Copper Line Wire	
1-58	No. 8 B. & S. Gauge, Double Braid, Weather Proof Hard Drawn Copper Line Wire	
1-59	No. 10 B. & S. Gauge, Double Braid, Weather Proof Hard Drawn Copper Line Wire	
1-60	No. 12 B. & S. Gauge, Double Braid, Weather Proof Hard Drawn Copper Line Wire	
1-61	No. 6 B. & S. Gauge, Triple Braid, Weather Proof Hard Drawn Copper Line Wire	
1-62	No. 8 B. & S. Gauge, Triple Braid, Weather Proof Hard Drawn Copper Line Wire	
1-63	No. 10 B. & S. Gauge, Triple Braid, Weather Proof Hard Drawn Copper Line Wire	
1-64	No. 12 B. & S. Gauge, Triple Braid, Weather Proof Hard Drawn Copper Line Wire	
1-65	No. 6 B. & S. Gauge, Double Braid, Weather Proof, 30% Copper Clad Steel Line Wire	
1-66	No. 8 B. & S. Gauge, Double Braid, Weather Proof, 30% Copper Clad Steel Line Wire	
1-67	No. 10 B. & S. Gauge, Double Braid, Weather Proof, 30% Copper Clad Steel Line Wire	
1-68	No. 12 B. & S. Gauge, Double Braid, Weather Proof, 30% Copper Clad Steel Line Wire	
1-69	No. 6 B. W. G. Double Braid Weather Proof E. B. B. Galvanized Iron Line Wire	
1-70	No. 8 B. W. G. Double Braid Weather Proof E. B. B. Galvanized Iron Line Wire	
1-71	No. 10 B. W. G. Double Braid Weather Proof E. B. B. Galvanized Iron Line Wire	
1-72	No. 12 B. W. G. Double Braid Weather Proof E. B. B. Galvanized Iron Line Wire	
1-73	No. 6 B. W. G. Double Braid Weather Proof B. B. Galvanized Iron Line Wire	
1-74	No. 8 B. W. G. Double Braid Weather Proof B. B. Galvanized Iron Line Wire	
1-75	No. 10 B. W. G. Double Braid Weather Proof B. B. Galvanized Iron Line Wire	
1-76	No. 12 B. W. G. Double Braid Weather Proof B. B. Galvanized Iron Line Wire	
	STEEL SIGNAL WIRE	
703-7	No. 8 Galvanized Steel Signal Wire for Mechanical Signals	
703-6	" 9 " " " " " " " " " "	

Above Wires furnished in accordance with **Railway Signal Association** Specifications.

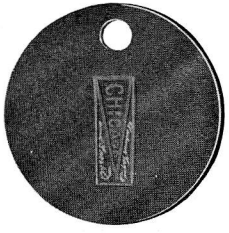
TAGS

No. 40

No. 44



No. 41



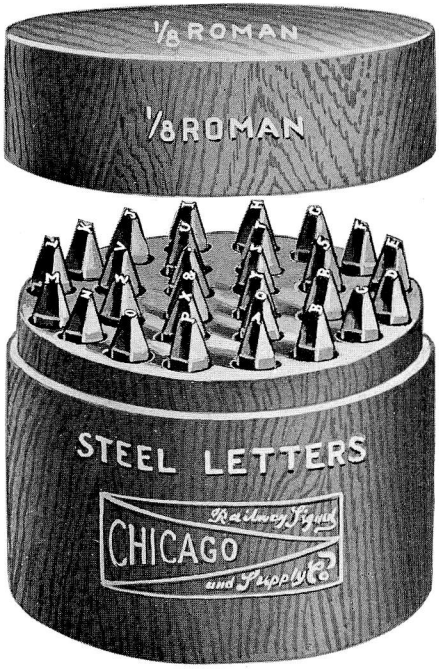
No. 42

No. 43

The Tags shown above are used to tag Wires, Relays, Binding Posts, etc., also for storeroom purposes and line wires of pole lines. They are made from materials that can be stamped easily and quickly with stencils for this purpose shown elsewhere in this catalogue. They can also be furnished stamped with any lettering, symbols or numbers upon receipt of specifications.

Trade No.	DESCRIPTION	List Price Per M.
40	Standard Fibre Tag, 7/8" x 1 1/2" with 3/8" Hole	$4.20
40-1	" Brass " 7/8" x 1 1/2" " 3/8" "	7.80
40-2	" Aluminum Tag, 7/8" x 1 1/2" with 3/8" Hole	8.00
41	Standard Fibre Tag, 7/8" x 1 1/2" with 1/2" Hole	4.20
41-1	" Brass " 7/8" x 1 1/2" " 1/2" "	7.80
41-2	" Aluminum Tag, 7/8" x 1 1/2" with 1/2" Hole	8.00
42	Round Fibre Tag, Diameter 1 1/8", Hole 5/32"	3.50
42-1	" Brass " " 1 1/8" " 5/32"	5.50
42-2	" Aluminum Tag, Diameter 1 1/8", Hole 5/32"	5.60
43	Standard Fibre Tag, Diameter 1 1/2", Hole 1/2"	6.00
43-1	" Brass " " 1 1/2" " 1/2"	9.50
43-2	" Aluminum Tag, Diameter 1 1/2", Hole 1/2"	10.00
44	Special New York Central Fibre Tag, 1 1/2" x 5/8", Hole 1/8"	3.50
44-1	" " " " Brass " 1 1/2" x 5/8" " 1/8"	5.10
44-2	" " " " Aluminum Tag, 1 1/2" x 5/8", Hole 1/8"	5.50

STEEL LETTERS AND FIGURES



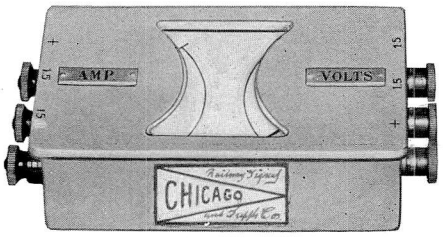
The Steel Letters and Figures listed are furnished Hand Cut in Gothic Style or Machine Made in Roman Style. Used for stamping Tags, Tools, Binding Posts, etc. Put up in compact dust proof wooden boxes.

Size	Letters—Set of 28		Figures—Set of 9		Single Letters or Figures	
	Hand Cut	Machine Made	Hand Cut	Machine Made	Hand Cut	Machine Made
1/32"	$15.00	$4.50	$5.00	$1.50	$0.70	$0.25
1/16"	9.00	3.35	3.00	1.10	.40	.20
3/32"	9.00	3.35	3.00	1.10	.40	.20
1/8"	9.00	3.35	3.00	1.10	.40	.20
5/32"	10.50	4.25	3.50	1.40	.50	.20
3/16"	12.00	4.70	4.00	1.55	.60	.30
1/4"	14.00	5.60	4.70	1.85	.70	.35
3/8"	20.00	9.55	7.35	3.10	.90	.50
1/2"	28.00	16.85	9.45	5.60	1.30	.75

Sizes not listed above, take next larger size price.

CHICAGO PORTABLE VOLT-AMMETER, DIRECT CURRENT

Leather Carrying Case
One Third Actual Size



Chicago Volt-Ammeter
One Third Actual Size

This instrument meets the demand for an accurate, durable, compact and inexpensive direct current testing outfit. The case of the instrument is 6″ long, 3¼″ wide, 2″ high and of pure cast aluminum and all other materials used are highest grades obtainable. Tungsten steel, ⅜″ x 1″, is used for the magnets in the d'Arsonval movements, to obtain permanency and accuracy of readings. The workmanship is expert and experienced, and instrument is strictly high class.

There are two individual dead-beat movements, each with a separate scale, embodied within the one case, one for Volt readings, and the other for Ampere, Milliampere, Volt and Millivolt readings, making it possible to make simultaneous tests of current and e. m. f. This double movement simultaneous reading feature is found only in the Chicago Portable Volt-Ammeter, and eliminates the inconvenient feature found in Volt-Ammeters, having but one movement for both current and e. m. f. Instrument can be left in circuit any length of time without injury to the movements. Instruments are hand calibrated, directly and individually compared with recognized standards. The scales are hand drawn with divisions well spaced and the edgewise indicator permits accuracy in observations. Readings are warranted accurate within one-half of one per cent.

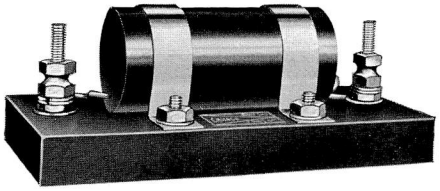
We list only a few of the combinations of readings possible to obtain in this instrument. All Voltmeter movements have a resistance of approximately 70 Ohms to the Volt. Special resistances furnished where specified. As there are two individual movements contained within the instrument, each having its own scale, practically any desired combination can be furnished upon application.

Our hand-sewed solid leather carrying cases with the shoulder strap are convenient and help protect instruments where they are used for rough outdoor work.

Trade No.	DESCRIPTION	List Price
	TWO READING	
18–1	0 to 1.5 Volts and 0 to 150 Milliamperes	$33.00
18–2	0 to 3 Volts and 0 to 300 Milliamperes	33.00
18–3	0 to 3 Volts and 0 to 5 Amperes	33.00
18–4	0 to 15 Volts and 0 to 20 Amperes	33.00
18–5	0 to 150 Volts and 0 to 75 Amperes	33.00
	THREE READING	
18–6	0 to 1.5 and 0 to 15 Volts and 0 to 150 Milliamperes	35.00
18–7	0 to 3 and 0 to 30 Volts and 0 to 300 Milliamperes	35.00
18–8	0 to 15 and 0 to 150 Volts and 0 to 15 Amperes	35.00
18–9	0 to 30 and 0 to 150 Volts and 0 to 25 Amperes	35.00
	FOUR READING	
18–11	0 to 1.5 and 0 to 15 Volts and 0 to 150 M. A. and 0 to 1.5 Amperes	39.00
18–12	0 to 15 and 0 to 150 Volts and 0 to 300 M. A. and 0 to 3 Amperes	39.00
18–13	0 to 15 and 0 to 150 Volts and 0 to 15 A. and 0 to 75 Amperes	39.00
18–20	Leather Carrying Case	6.00

Railway Signal CHICAGO and Supply Co.

RESISTANCE UNITS



No. 1600 Resistance Unit

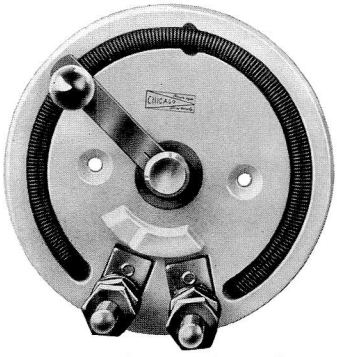
6½″ Long, 3″ Wide, 3¼″ High

No. 1600 Resistance Unit is wound with special resistance wire which is enclosed in an absolutely waterproof hard rubber shell. Unit is mounted on a slate base with **R. S. A.** Binding Posts. Mounted Units are used in Relay, Signal and Battery Cases. Also furnished unmounted with flexible ends for direct connections to wiring.

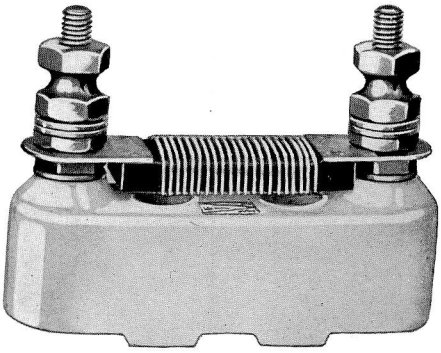
No. 1601 Variable Resistance Unit is furnished in any total resistance between .15 and 2,000 Ohm. Carrying capacity 200 Watts continuous duty or 500 Watts 20 seconds duty. Used with Storage and Primary Batteries where frequent changes in resistance are required. Also to test "Pick Up" and "Drop Away" of Relays, etc.

No. 1602 Variable Resistance Unit has a heavy porcelain base equipped with **R. S. A.** Binding Post and a substantial switch arm. Used for testing batteries on track circuits. Furnished in any total resistance up to 10 Ohm.

No. 1603 Resistance Unit has a porcelain base same size as **R. S. A.** Terminal, **R. S. A.** Binding Posts and is furnished in any resistance in variations of $\frac{1}{10}$ Ohm up to 2 Ohms and in variations of ¼ Ohm up to 10 Ohms. The resistance clip is instantly interchangeable without removing base or wires. Used on Track Circuits, etc., using Caustic Soda or Storage Batteries. It is small, compact and has practically all advantages of a variable Unit.

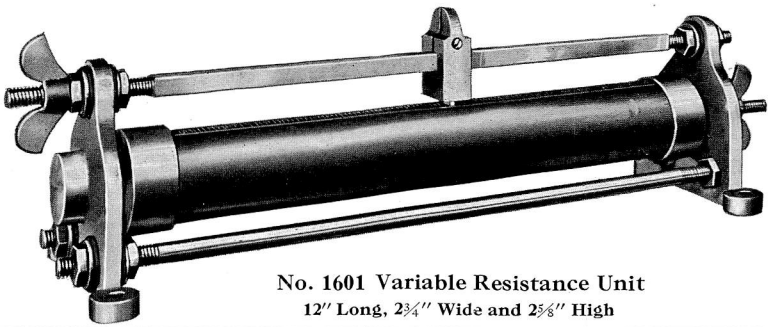


No. 1602 (One Half Size)



No. 1603 Resistance Unit

3⅜″ x 1″ x 3″ High

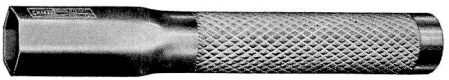


No. 1601 Variable Resistance Unit

12″ Long, 2¾″ Wide and 2⅝″ High

Trade No.	DESCRIPTION	List Price
1600	Mounted Resistance Unit, 1000 Ohm or less	$7.00
1600–10	Same as above 2500 Ohm or less	7.50
1600–11	" " " 5000 " " "	8.00
1600–12	Unmounted Resistance Unit, 1000 Ohm or less	4.80
1600–13	" " " 2500 " " "	5.30
1600–14	" " " 5000 " " "	5.80
1601	Variable Resistance Unit. Specify Total Resistance	9.00
1602	" " " " " "	2.50
1603	Resistance Unit complete as shown	1.70
1603–1	" Clip Only (for 1603). Specify Resistance, each	1.40

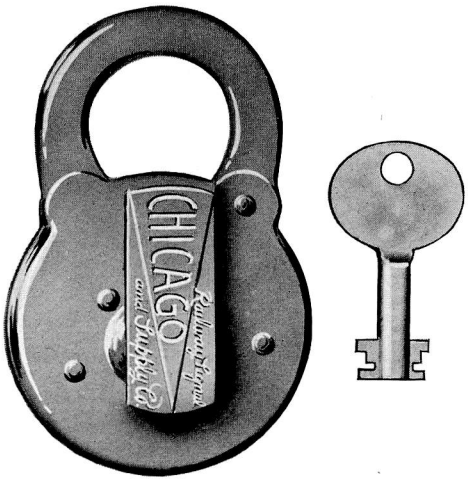
SOCKET WRENCH AND SIGNAL LOCKS



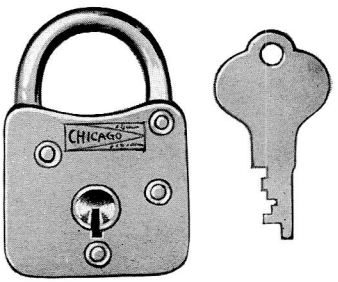
No. 259

The Socket Wrench is made of seamless steel tubing, hardened and finished with knurled handle. The Socket is deep enough to allow tightening the lowest nut on standard **R. S. A.** Binding Posts. The plain wrench is nickel plated, the insulated wrench is covered with hard fibre to prevent short circuits between Binding Posts or with Hands. This feature will be appreciated on A. C. work.

Trade No.	DESCRIPTION	List Price
259	Nickel Plated Socket Wrench for ½" Hexagon Nuts as shown	$0.75
259–1	Insulated Socket Wrench for ½" Hexagon Nuts.....	1.00



No. 256
Chicago Standard Lock
Three Quarter Size



No. 257
Small Signal Lock
Three Quarter Size

Lock No. 256 has a heavy steel case, hot galvanized. The interior is made of Brass and Bronze throughout. Lock is warranted not to rust or to be affected by the weather. It is used chiefly out of doors on Signal Cases, Battery Chutes, etc. Keys are all Master Keys. Lock 257 is used indoors on Indicators, Annunciators, etc. It is entirely of Brass and Keys are all Master Keys.

Trade No.	DESCRIPTION	List Price
256	Chicago Standard Six Lever Lock as shown (no key), each..	$1.00
256–1	" " " " " with chain " " " ..	1.40
256–2	Standard Keys for above, each.....	.25
257	Small Signal Lock as shown (no keys), each	1.10
257–1	Keys for above, each.....	.25

SOLDERING SALTS, SOLDER, SOLDERING COMPOUND, TAPE, ETC.

Trade No.	DESCRIPTION	List Price
285–1	Non-corrosive Soldering Salts, ½ lb. bottle	$0.70
285–2	Non-corrosive Soldering Salts, 1 lb. bottle	1.00
285–3	Non-corrosive Soldering Salts, 5 lb. bottle	3.50
	Special discount for quantities.	
	SOLDERING PASTE	
286–1	Non-corrosive Soldering Paste, 2½ oz. box	.40
286–2	Non-corrosive Soldering Paste, ½ lb. box	.60
286–3	Non-corrosive Soldering Paste, 1 lb. box	1.00
	Special discount for quantities.	
	SOLDERANDFLUX	
	This is a combined solder and non-corrosive fluid made into paste form and put up in collapsible tubes. No solder or flux is required as Solderandflux combines both and is warranted to make a non-corrosive union.	
287–1	Solderandflux, small size tube, each	.60
287–2	" medium " " "	1.20
287–3	" large " " "	2.50
	SOLDER	
288	Bar Solder, strictly half and half, per lb.	Lowest Market Prices
288–1	Plain Wire Solder, per lb.	
288–2	Resin Core Wire Solder, ½ lb. box, per lb.	
288–3	Resin Core Wire Solder, 1 lb. spool, per lb.	
288–4	Resin Core Wire Solder, 2 lb. spool, per lb.	
288–5	Resin Core Wire Solder, 5 lb. spool, per lb.	
	TAPE	
289	Chicago Friction Tape, ¾", per lb.	1.30
289–1	" Rubber " ¾" " "	1.75
	Our Tapes are guaranteed high class and are packed one-half lb. per tin box.	

No. 285

No. 286

No. 287


No. 288


No. 288-1

No. 289