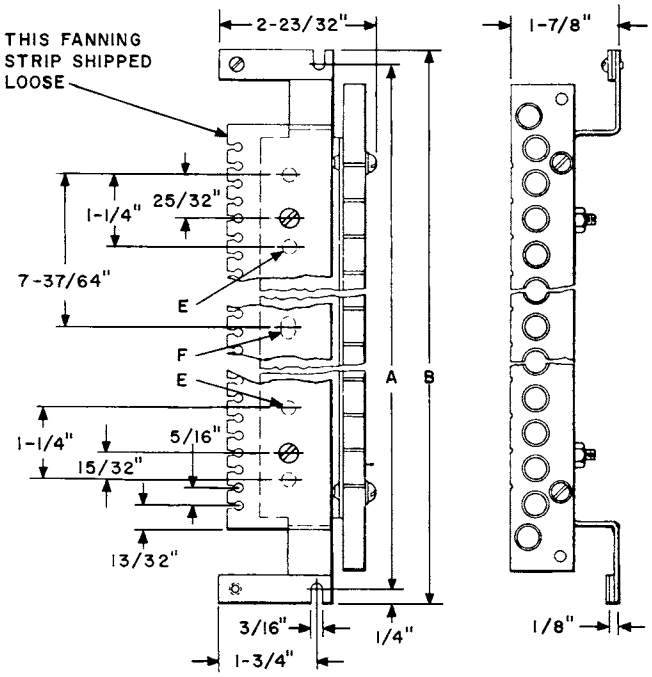
ADAPTERS

102 Type



"E" HOLES LOCATED ONLY IN NO. 102B.
"F" HOLE LOCATED ONLY IN NO. 102D.

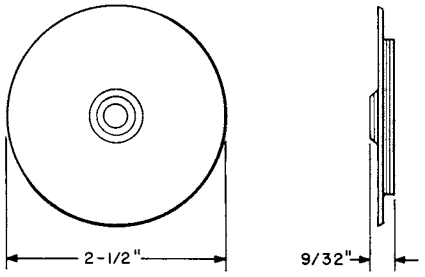
Consists of light olive gray enamel finished formed sheet metal mounting plates, each provided with one fiber fanning strip, one wooden fanning strip, mounting screws and nuts for attaching number 30 or 31 type connecting blocks, and a mounting screw for attaching a cable clamp.

Overall Dimensions (Inches)

Code No.	Mts. in Cable Term. Box	Length B	Width	Thickness	Mounting Centers Width	Mounting Centers Height A
102B	GA11 GB11 GC32	9-5/8	2-23/32	1-7/8	1-3/4	9-1/8
Comcode: 100 000 025						
102C	GA16 GB16 GC32 GC52	12-3/4	2-23/32	1-7/8	1-3/4	12-1/4
Comcode: 100 000 033						
102D	GA26 GB26 GC52 GC102	19	2-23/32	1-7/8	1-3/4	18-1/2
Comcode: 100 000 041						

For mounting 30B, 30C, 30D, 31B, 31C, or 31D Connecting Blocks in GA, GB, and GC type cable terminal boxes. The 102B Adapter will also mount two 31A Connecting Blocks.

104B

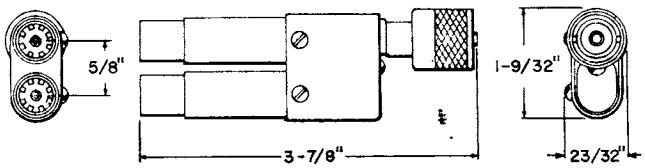


An adapter of black insulating material for use in replacing the receiver caps of operators' head sets to provide for a 101A Pad.

This adapter is to be used with the 10A Receiver Holder.

Comcode: 100 000 108

116A



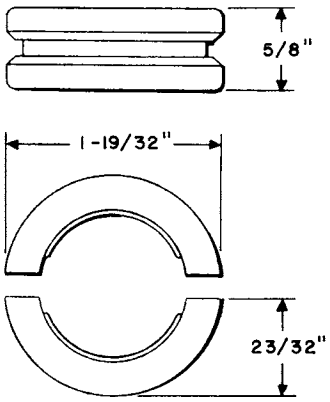
Consists of a twin coaxial jack and a coaxial plug assembled together. The inner contact of each jack member is connected to the inner contact of the plug. The outer contacts of each jack member and the plug are connected together. The plug is provided with a threaded coupling for attaching to the associated apparatus. This adapter is tested at 2000 volts ac.

Intended for use with a high impedance probe to monitor video circuits of television systems.

Comcode: 100 000 215

ADAPTERS

129A



Consists of two cast metal spacers, a metal clamping ring, and a length of lashing wire. The clamping ring and lashing wire are shipped loose.

Arranged to fit inside the cable clamping cavities of 20B and 21B type splice cases and number 61 type cable terminals. One adapter is required for the assembly of each cable less than 1 inch in diameter.

Comcode: 100 000 397

133 Type

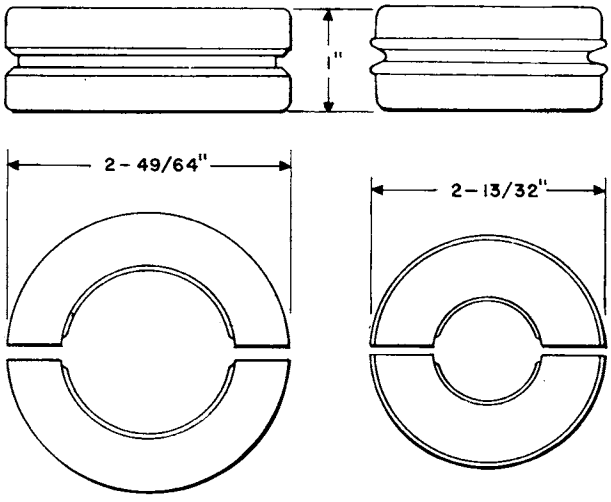


Fig. 1 Fig. 2

Each consists of two cast metal spacers, a clamping ring (shipped loose), and a length of lashing wire (shipped loose).

133A, B, and C: Intended for use with 10A, 12A, 20D type, and 21D type splice cases. See Fig. 1.

133A: Arranged for use with cables 1 inch and less in diameter.

Comcode: 100 000 405

133B: Arranged for use with cables over 1 inch to 1.6 inches in diameter.

Comcode: 100 000 413

133C: Arranged for use with cables over 1.6 inches to 2.2 inches in diameter.

Comcode: 100 000 421

133D and E: Intended for use with 20C and 21C type splice cases. See Fig. 2.

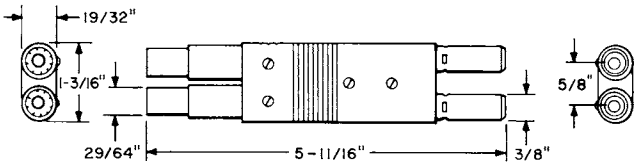
133D: Arranged for use with cables 1 inch and less in diameter.

Comcode: 100 000 439

133E: Arranged for use with cables over 1 inch to 1.6 inches in diameter.

Comcode: 100 000 447

137A



Consists of a twin plug and a twin coaxial jack in a metal case. The jack fingers are those nearest the notches on the case. The center contact of the jack finger nearest the notched edge of the case is electrically connected to the center contacts of both plug fingers. The center contact of the other jack finger is electrically common with the outer contacts of the two plug fingers and the two jack fingers. This adapter is tested at 2000 volts ac.

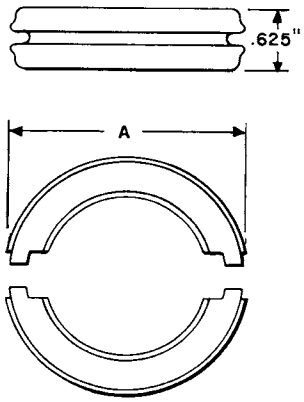
The plug fingers are arranged for two 477B or similar type jacks mounted on 5/8-inch centers. The jack fingers are each arranged for a number 358 or similar type plug.

Intended for use with a video monitoring probe for in-service monitoring in either balanced or unbalanced circuits of the A2A Video System.

Comcode: 100 000 462

ADAPTERS

138 Type

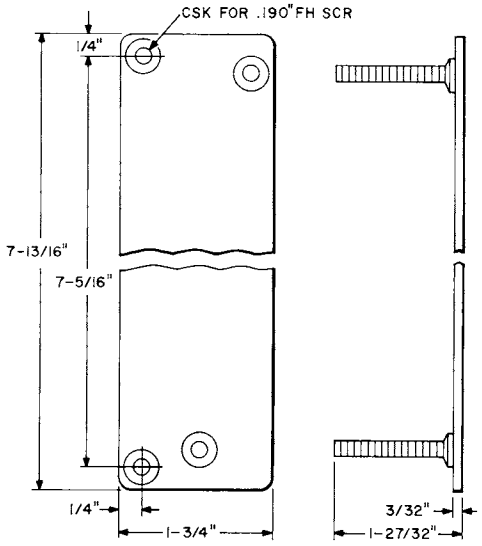


Each consists of two cast metal spacers, a metal clamping ring (shipped loose), and a length of lashing wire (shipped loose).

Code No.	Comcode	Diameter of Cable Arranged for (Inches)	Dimension A (Inches)
138A	100 000 470	1 to 1.6	2.528
138B	100 000 488	1 and less	2.528

138A and B: Arranged to fit between the clamping brackets of the 49B2 Cable Terminal.

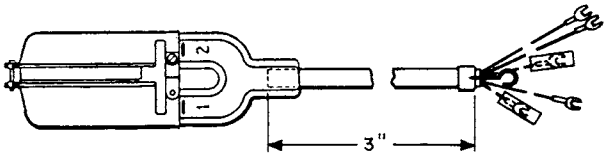
144A



A metal plate arranged to mount a 57A Connecting Block in a 83A Protector Mounting. Mounting screws, nuts, and washers are furnished.

Comcode: 100 000 520

148B-49



This adapter consists of a plug, a connector, and a length of light olive gray PVC jacketed cordage with thirty-nine number 27 AWG stranded conductors with PVC insulation.

The adapter end is equipped with a KS-16689L2 Plug and a KS-16690L3 Connector. Pins 1 to 20 and 26 to 45 of the plug are connected to the corresponding pins of the connector with strap conductors. Ten cordage conductors connect only to plug terminals, ten connect only to connector terminals, and the remaining nineteen connect to the strapped terminals.

ADAPTERS

148B-49 (Continued)

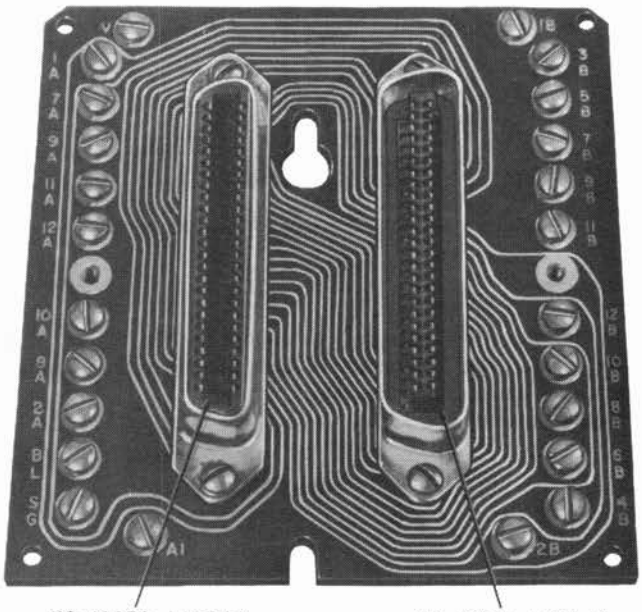
The connecting block end is equipped with a stay cord hook and spade tipped free conductors 3-1/2, 5-1/2, 7-1/4, and 10 inches long. The spade tips on the ten 3-1/2 inch and nine 5-1/2 inch long conductors are dead dressed.

The length of the jacketed cordage is 3 feet.

Intended for use where auxiliary equipment is mounted at the station set location.

Comcode: 100 000 579

149B



Consists of a KS-16672L13 Connector and a KS-16671L10 Plug assembled on a printed wiring board which in turn is mounted on a board of insulating material. Has a gray removable polystyrene cover.

Overall dimensions are 4.32 inches long by 4.18 inches wide by 1.89 inches high. Has two holes for mounting centrally located on back, 3.062 inches center to center.

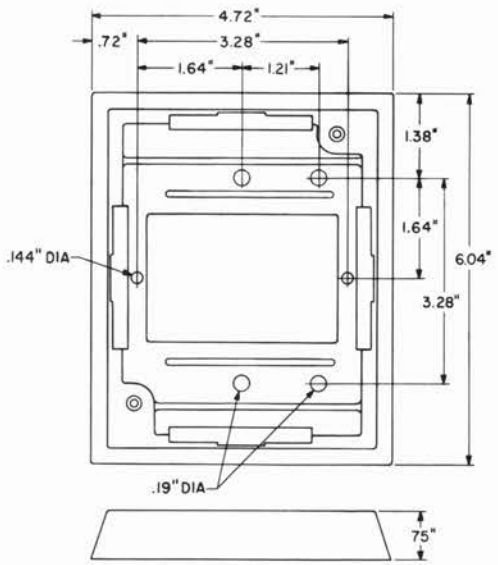
Wiring designations are the same as 149A Adapter.

Used with multibutton telephone sets equipped with plug-ended line cords where auxiliary apparatus is required.

Replaces the 149A Adapter.

Comcode: 101 220 069

152A

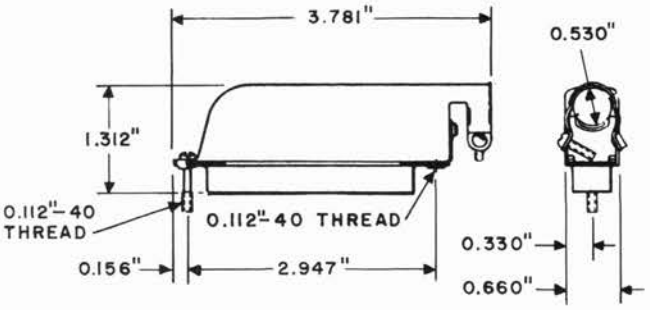


A molded gray plastic adapter, provided with mounting screws and two plates for reinforcing the mounting surface.

Used in mounting a 66E3-25 Connecting Block to over-floor ducts, under-floor ducts, and single-and double-outlet wall boxes.

Comcode: 100 000 611

153A and B



153A: Consists of a KS-16689L6 Plug and a terminal block having eight terminals arranged for screw connections. **Comcode: 100 000 629**

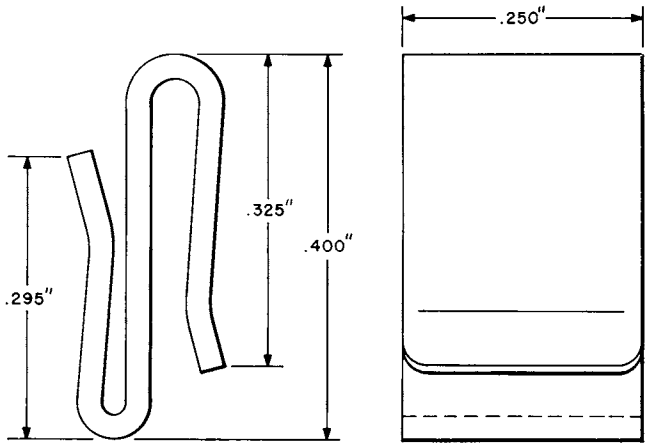
153B: Same as 153A except it contains a KS-16690L4 Connector. **Comcode: 100 000 637**

The plug is equipped with a nonreturnable dust cover.

Intended use is as a means of connecting non-key telephone sets to cabling systems involving A25B or B25A Connector Cables.

ADAPTERS

161A

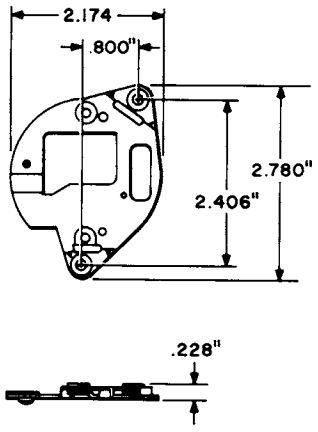


A copper tinned stainless steel spring type adapter.

Used to terminate spade tip terminated cords to 66 type quick-clip type connectors.

Comcode: 100 000 686

166A



Consists of stamped stainless steel plates used to shock-mount a P-type ringer. To be mounted adjacent to a resonator cavity or inside a telephone set housing which has been tuned as a resonator cavity.

Comcode: 100 000 744

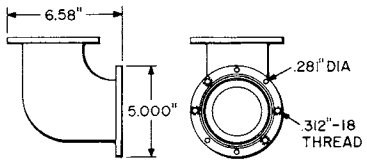
170B1 and C1

Each consists of a molded plastic nipple and aluminum die cast clamps arranged to fit either end of a 1B1 or 1C1 Closure to provide an opening for three cables.

170B1: Used with 1B1 Closures and will accommodate one cable with an outside diameter of from 1.0 inch to 2.2 inches and two cables with an outside diameter of up to 1.0 inch. **Comcode: 100 000 777**

170C1: Used with 1C1 Closures and will accommodate one cable with an outside diameter of from 2.2 inches to 3.0 inches and two cables with an outside diameter of up to 1.0 inch. **Comcode: 100 000 785**

172A



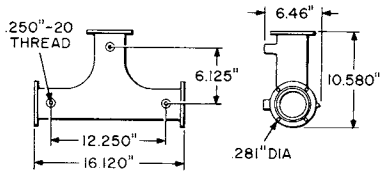
Consists of a gastight galvanized cast iron 90° elbow. Provided with a flange at each end.

Mounting screws and nuts are furnished.

Provides a through pipe for electrical connections between apparatus cases.

Comcode: 100 997 600

173A



Consists of a gastight galvanized cast iron T-shaped pipe having a pressure test valve. Arranged for mounting on an 85A Bracket.

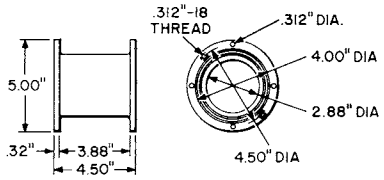
Screws, nuts, and bolts are furnished for mounting flanges and bracket.

Arranged to be used as a substitute for a number 471 type apparatus case.

Comcode: 100 997 618

ADAPTERS

174A

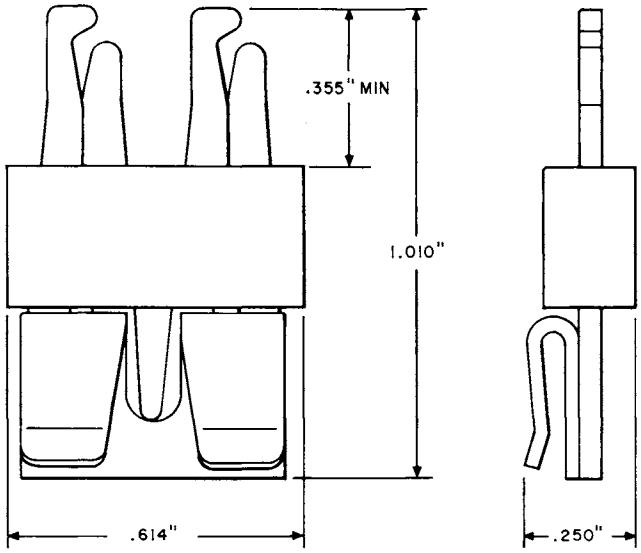


Consists of a gastight galvanized cast iron pipe. Provided with a flange at each end.

Provides a through pipe for electrical connections between apparatus cases.

Comcode: 100 997 626

183A2



Consists of a block and a two terminal connector assembly which provides a mounting clip.

Stacks on the terminal clips of most 66 Connecting Blocks and provides two additional terminals any place it is installed.

Comcode: 101 334 407

197A

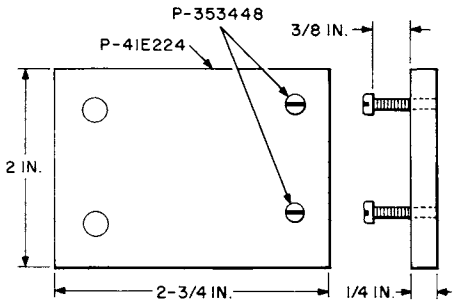
Consists of a single package of unassembled parts. Parts included are listed below.

Quantity	Description
2	AT-6789 No. 1 U Cable Guard Strap
2	P-46L887 C.R. Steel Screw
2	RM-705265 C.R. Steel Nuts

Used initially to adapt the suspension brackets of number 49 type cable terminals to mount on strand supporting two cables.

Comcode: 101 429 439

P-36B209



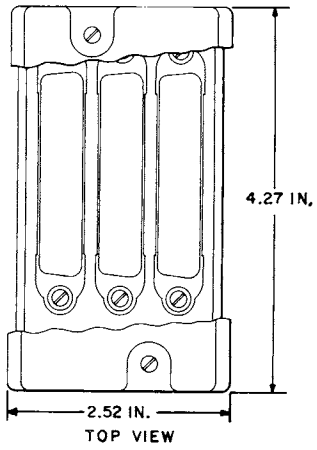
A metal adapter used to mount 19-inch mounting plates on 23-inch span gates and relay racks.

Comcode: 813 622 099

ADAPTERS

Bridging

KS-19252L1, L2, and L3



Consists of a light olive gray plastic box with combinations of three interconnected 50 contact micro-ribbon plugs and connectors mounted inside.

KS-19252L1: Contains one KS-16671L1 Plug and two KS-16672L3 Connectors.
Comcode: 400 000 220

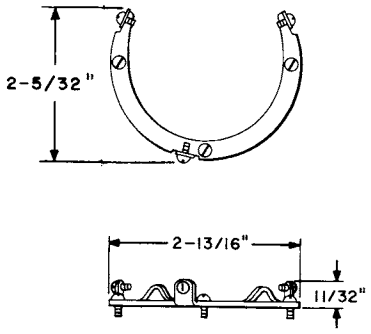
KS-19252L2: Contains two KS-16671L1 Plugs and one KS-16672L3 Connector.
Comcode: 400 000 238

KS-19252L3: Contains three KS-16671L1 Plugs
Comcode: 996 131 363

Used as aids in multiple plug ended, six button telephone sets with A-type or B-type connector cables.

Dial

52D



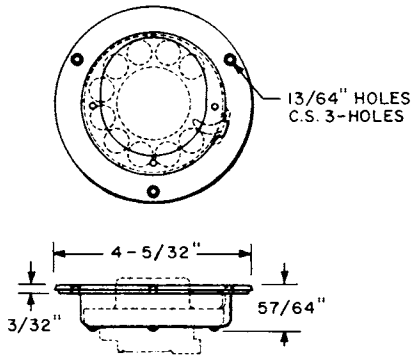
Consists of a metal plate provided with machine screws for attaching adapter to dial and dial mounting.

Used for mounting 2A, 2E, 4H, 5, and 6 type dials on 30A, 31A, 32A, 33A, 36A, 37A, 38A, 39A, 39B, and 40A Dial Mountings, on all 6000 type dial mountings except 6000G, H, and J, and on the 1011 type hand sets. When mounting a number 6 type dial, a 64A Dial Adapter is also required.
Comcode: 100 000 793

ADAPTERS

Dial

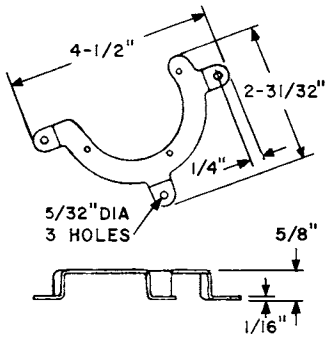
57A



Consists of a black finished flanged metal cup, designed to mount number 2, 4, and 5 type dials, and a black finished metal plate which mounts over the flange of the cup. Screws are furnished for mounting the dial in the dial adapter and for mounting the dial adapter.

Intended for use in mounting dials flush on panels or mounting plates which may be of different thicknesses.
Comcode: 100 000 827

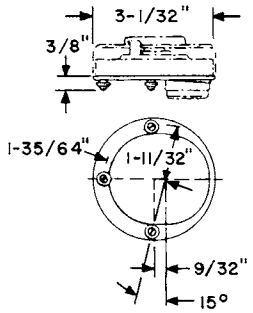
58A



Semicircular flat metal plate with three mounting lugs. Screws, lock washers, and nuts are provided for mounting the dial adapter. Screws and lock washers are also provided for mounting the dial on the dial adapter.

Intended for use in mounting number 4 or 5 type dials in number 300 type telephone sets.
Comcode: 100 000 835

59 Type



Each consists of a soft rubber gasket provided with three eyelets and three screws for mounting, except 59D which is made of semihard rubber and is provided with only two eyelets (those on the vertical center line of the illustration for 59B and C) and two mounting screws. All are black with the exception of 59C which is gray.

59A: Arranged to mount a number 5 or 6 type dial in H-type telephone set mountings.
Comcode: 100 000 843

59B: Arranged to mount a number 5 or 6 type dial in a 44A Dial Mounting.
Comcode: 100 849 421

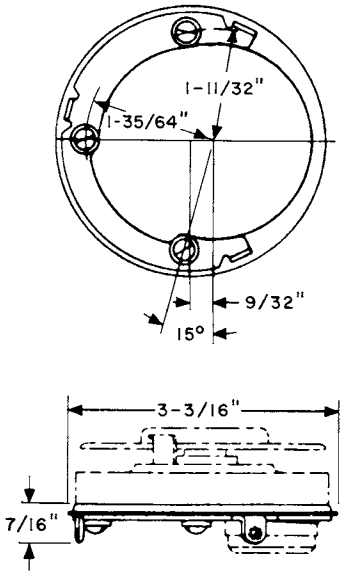
59C: Arranged to mount a 6E-41 Dial in a 45A Dial Mounting.
Comcode: 101 026 748

59D: Arranged to mount a 6J, 6K, or 6L type dial in a 44D-3 Dial Mounting.
Comcode: 101 026 755

ADAPTERS

Dial

62B

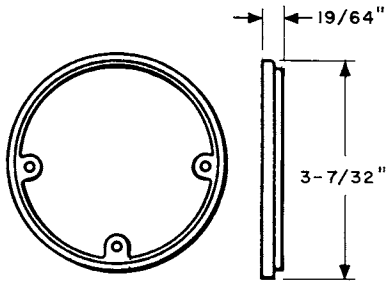


Consists of a metal plate with three mounting lugs, a shield, a 59B Dial Adapter, and the necessary mounting screws.

Used to mount number 4, 5, and 6 type dials on 34G, 34H, and 34J Dial Mountings.

Comcode: 100 000 850

64A



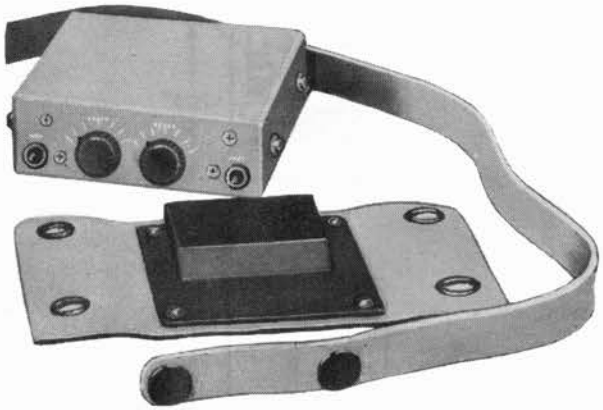
Consists of a spacer ring of black insulating material.

Used with a 59B Dial Adapter for mounting a number 6 type dial on a 44A Dial Mounting. Also used with a 52D Dial Adapter for mounting a number 6 type dial on 30A, 32A, 39A-3, 39B, and 40A Dial Mountings, on all number 6000 type dial mountings except 6000G, H, and J, and on the number 1011 type hand sets.

Comcode: 100 000 892

AMPLIFIERS

147B



A portable amplifier, consisting of three stages of audio frequency amplification with tuned input and output transformers. Input and output jacks and a gain control are provided in addition to a switch for selecting high or low input impedance.

Apparatus is mounted on a metal chassis and a metal panel and is enclosed in a metal case. The terminal is provided with a belt clip and a strap assembly. Overall dimensions are 4-13/16 inches wide, 1-23/32 inches high, and 4-7/16 inches deep.

Has input impedances of approximately 80 ohms and 2.5 megohms and an output impedance of approximately 60 ohms. The voltage gain for high impedance input is approximately 53 db at 500 Hz between 300 ohm input and output impedances.

One CK533AX and two CK534AX Raytheon electron tubes are required for operation and are furnished. In the event of electron tube failures, individual electron tubes can be replaced.

Primarily intended for use, with accessory apparatus, in identifying wires in toll and exchange cables. Forms part of the 91A Test Set. Also used with a 75B Test Set for running down faults in cable, and with the 93A Test Set for tracing the path of buried pipes and cables.

Space is provided in the amplifiers for two ASA type AA and one ASA type 15F20 flat cell batteries which are required for operation but are not furnished as part of the amplifier.

Comcode: 100 000 918

151 Type

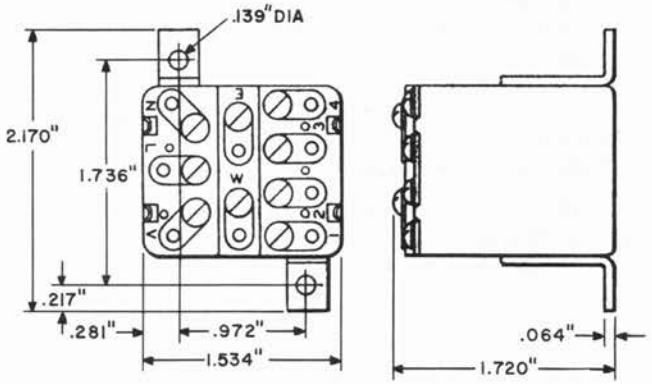


Fig. 1

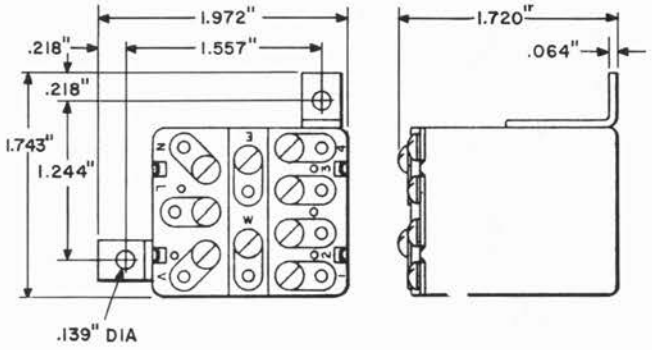


Fig. 2

Single-stage transistor type amplifiers consisting of apparatus such as an inductor, a transistor, capacitors, and resistors assembled in a metal case having a terminal plate of insulating material. 151D and E also contain a network of four diodes connected to terminals 1 to 4, inclusive, to insure proper polarity of the supply voltage for the transistor portion of the amplifier.

AMPLIFIERS

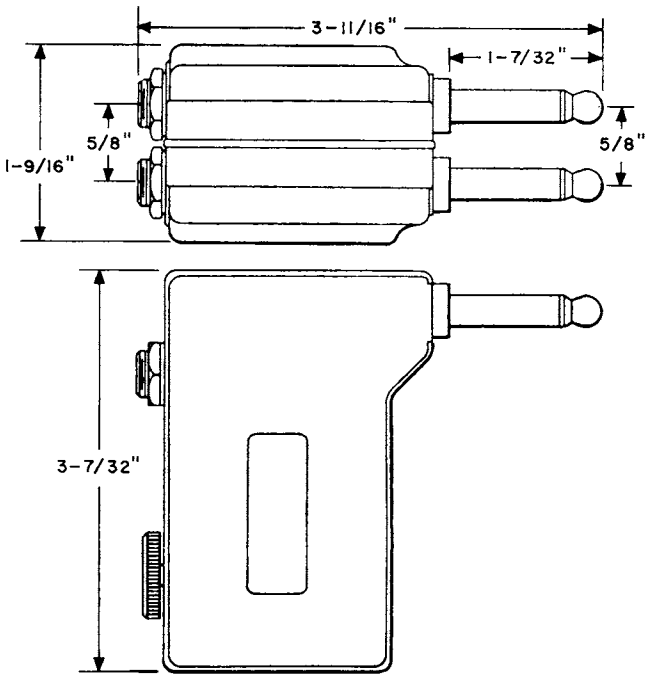
151 Type (Continued)

151D and E: Have an input impedance of approximately 500 ohms and an output impedance of approximately 150 ohms.

151D: Forms a part of the 636CW1, 638CW1, and 639DW1 Telephone Sets. See Fig. 1.
Comcode: 100 000 959

151E: Forms a part of the 3CW1 and 3CW2 type telephone consoles. See Fig. 2.
Comcode: 100 000 967

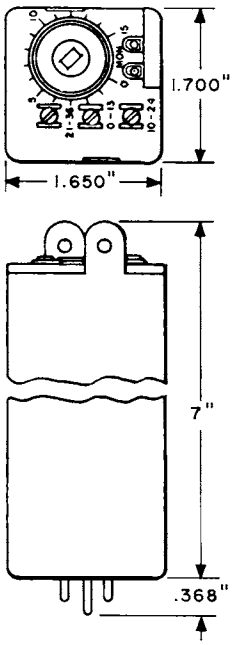
153BW



A single-stage transistor type polarized amplifier consisting of an inductor, a transistor, four diodes, a potentiometer, resistors, capacitors, transformers, a twin jack, and plug assembled in a black plastic housing. Arranged to receive a 289B or similar type plug and can be plugged into two number 364 or similar type jacks mounted on 5/8-inch centers.

Used with 52SW or similar type head telephone set to permit increasing the receiver gain approximately 20 db.
Comcode: 100 001 007

227 Type



Each is a two-stage transistor, adjustable gain amplifier, consisting of apparatus such as capacitors, resistors, diodes, and transistors mounted on a printed wiring board and assembled in a metal can.

Intended to operate between 600 and 1200 ohm lines over the frequency range of 200 to 5000 Hz. Has a maximum gain of 35 db and a maximum output level of +17 dbm. Requires a −24 volt dc power supply at 19 ma.

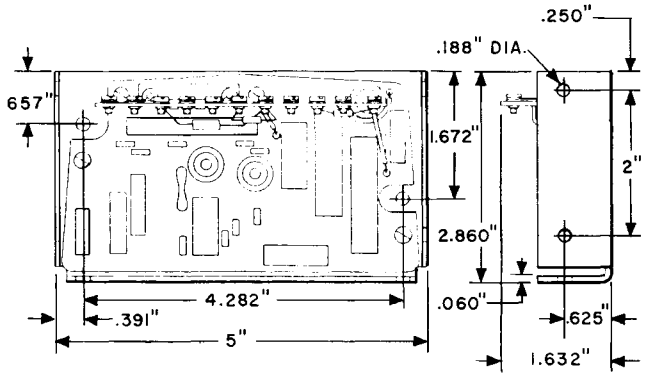
227D: Has a gray plastic terminal panel and has transmission characteristics suitable for voice frequency message and data circuits. Intended for use on aerial cable and is protected against lightning surges.
Replaces 227B and C Amplifiers.
Comcode: 101 307 189

227E: Has a gray plastic terminal panel and is used for voice frequency message circuits. Intended for use on buried cables.
Replaces 227A Amplifier.
Comcode: 101 324 978

227F: Has a reduced sensitivity to impulse-type noise and a 180 degree change in the insertion phase shift. Used in voice frequency message circuits.
Replaces 227B Amplifier.
Comcode: 101 420 651

AMPLIFIERS

236A

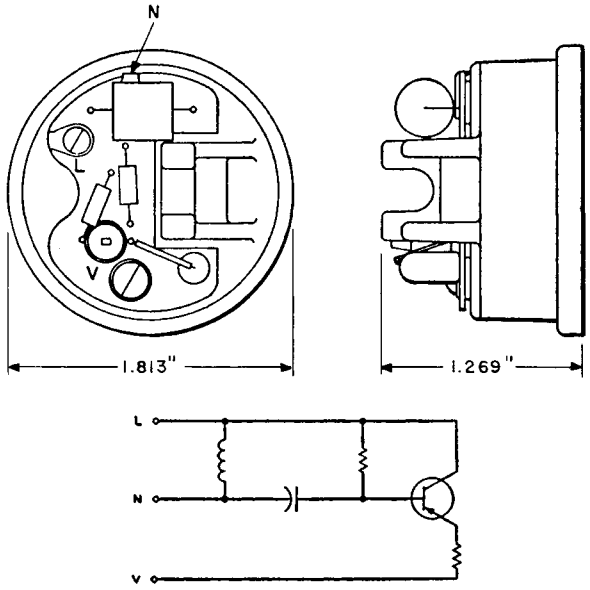


A three-stage transistorized amplifier consisting of resistors, transistors, and capacitors assembled on a printed wiring board within a metal frame. A terminal plate of insulating material containing 11 screw type terminals is assembled to the wiring board.

Intended for use in customized installation of 3B Speakerphone Telephone Station Apparatus.

Comcode: 100 004 274

238A

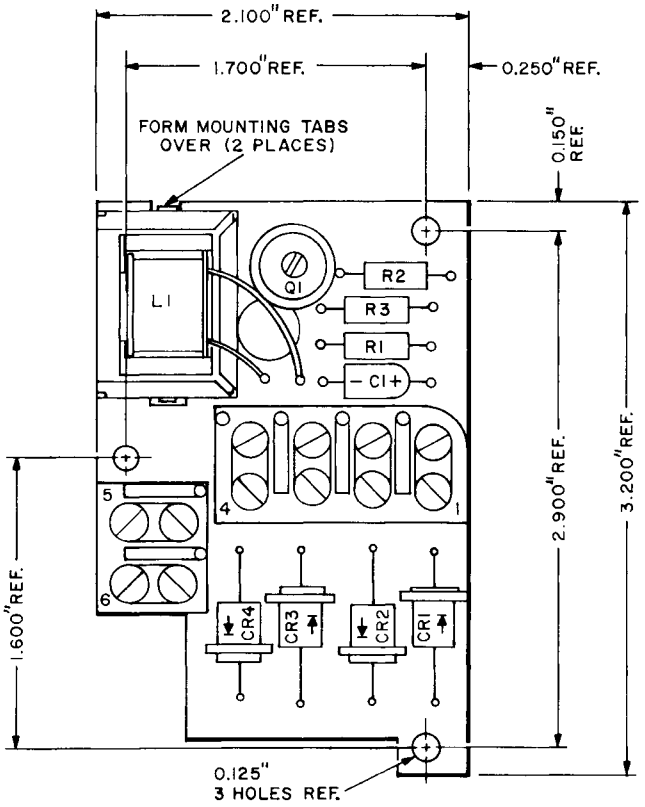


A three-stage transistorized amplifier, consisting of a transistor, a capacitor, an inductor, and resistors assembled on a printed wiring board and mounted on a plastic cup which is arranged for use in the transmitter end of a G-type hand set. Input and output impedances are approximately 500 and 1000 ohms respectively.

Used to amplify transmitter audio signals of hand sets which are converted for use on telephone sets on long loops where the polarity of the line voltage is maintained by central office equipment.

Comcode: 100 004 282

241A



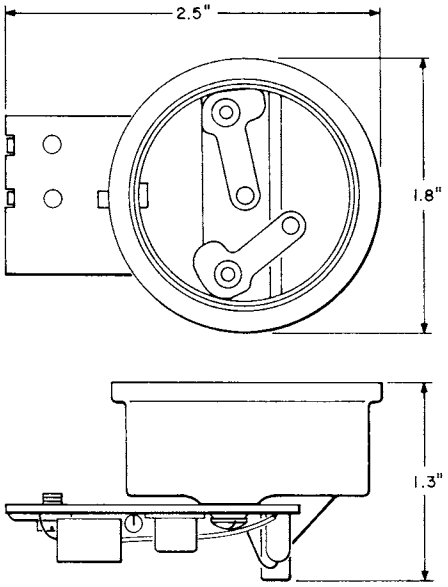
A single-stage transistor audio amplifier incorporating a polarity guard and consisting of apparatus such as capacitors, resistors, diodes, and an inductor mounted on a 0.062 inch thick printed wiring board.

Intended for use with number 636, 637, 638, 639, 1636, 1637, 1638, and 1639 series telephone sets which are arranged for use with 52 or 53 type head telephone sets to amplify output of N-type transmitter unit.

Comcode: 100 004 340

AMPLIFIERS

277A



A single-stage transistor amplifier used to amplify telephone set transmitter audio output. Designed to be used in the same manner as 238A amplifier except that it incorporates a polarity guard which permits it to be used where the line is subject to polarity reversals.

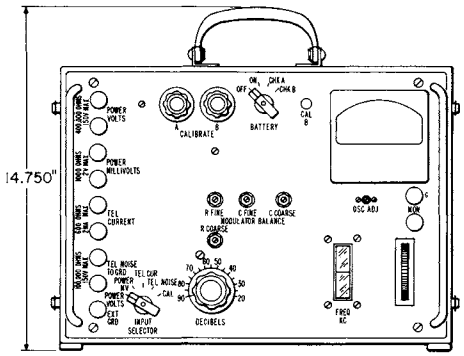
Consists of component apparatus mounted on a printed wiring board and attached to a special transmitter cap.

Designed to be installed in G3 type hand sets.
Comcode: 101 319 754

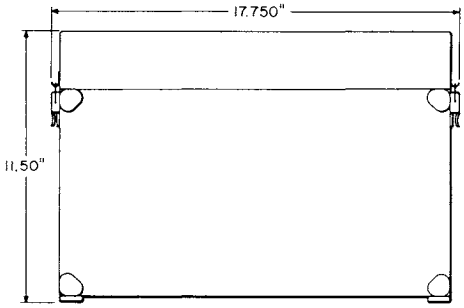
ANALYZERS

Frequency

4A



COVER REMOVED



Consists essentially of an amplifier, a meter circuit, and two oscillators mounted on a chassis assembly and metal panel. Enclosed in a metal case having a removable cover. Contains a compartment for batteries and one for storing a receiver and cord. The chassis is equipped with three sockets for storing spare electron tubes **which are not furnished and if desired must be ordered separately.**

Four Eveready batteries, two each of number 482 and 742, are required for the operation of the analyzer but are not furnished and must be ordered separately.

The following apparatus is required and is furnished.

Five—1U4 Electron Tubes

One —1R5 Electron Tube

One —716C Receiver equipped with an R2DE Cord

A portable set intended for frequency analysis of complex current and voltage waves in the voice and program frequency range. Operates over the frequency range from 25 to 20,000 Hz.

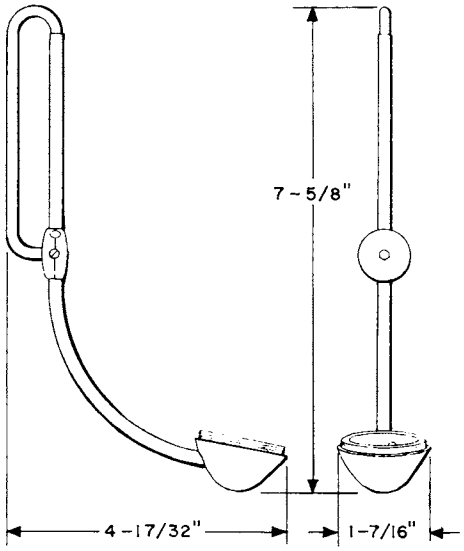
Intended primarily for use in investigating induction problems from power system fundamental and harmonic frequencies.

Comcode: 100 005 321

ARMS

Transmitter

55AW and BW



55AW: Consists of a formed tubular metal arm, a stop bar, a terminal block, and a transmitter case arranged for an N1 Transmitter Unit.

The adjustable arm is connected to the terminal block by wiring inside the tubular arm. The transmitter cap is furnished with the head telephone set of which this transmitter arm forms a part. The terminal blocks and transmitter cases are finished in black.

Forms part of 52SW, LW, MW, NW, EW, FR, and RRW Head Telephone Sets.

Comcode: 100 005 354

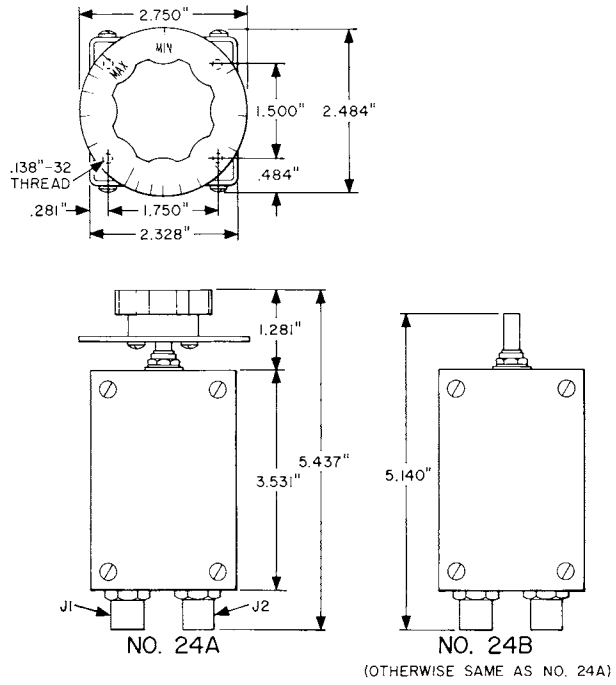
55BW: Same as the 55AW except transmitter case is arranged for an AD1 Transmitter Unit.

Forms part of 52KW and 52TW Head Telephone Sets.

Comcode: 100 005 362

ATTENUATORS

24A and B



24A: Consists of a potentiometer, capacitors, and resistors assembled in a metal can. Two 509A Jacks are provided for external connections. The outer conductors of the jacks are grounded to the can.

When inserted between 75 ohm unbalanced impedances, provides a continuously adjustable loss over the range of approximately 4.2 db to 16 db for 200 degrees of dial rotation.

Arranged to mount on the rear of a 0.091 inch panel with the dial in front of the panel.

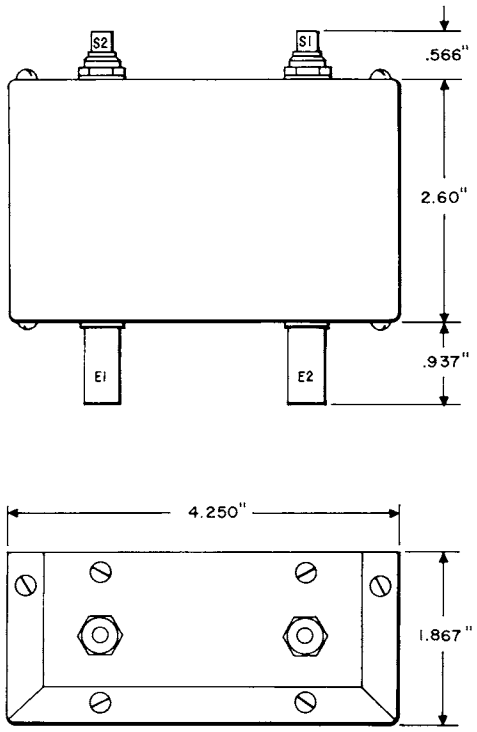
Used initially in the J68405A Transmitter Receiver Test Set in the TH Radio System.

Comcode: 100 005 842

24B: Same as 24A Attenuator except that knob and dial plate are not furnished.

Comcode: 101 130 953

37A



Consists of 237A Resistors mounted on two rotary switches enclosed in a metal can. Equipped with two 217A Connectors for input and output connections.

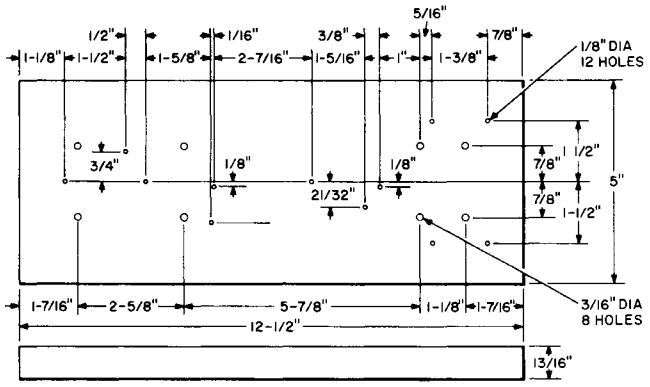
An RF attenuator having dual switches with respective attenuating selections of 0-1 db in 1 db steps and 1-2 db in 0.1 db steps. Input and output impedances are equal to 75 ohms.

Used initially on the gain and equalization panel—J68903-A.

Comcode: 101 202 802

BACKBOARDS

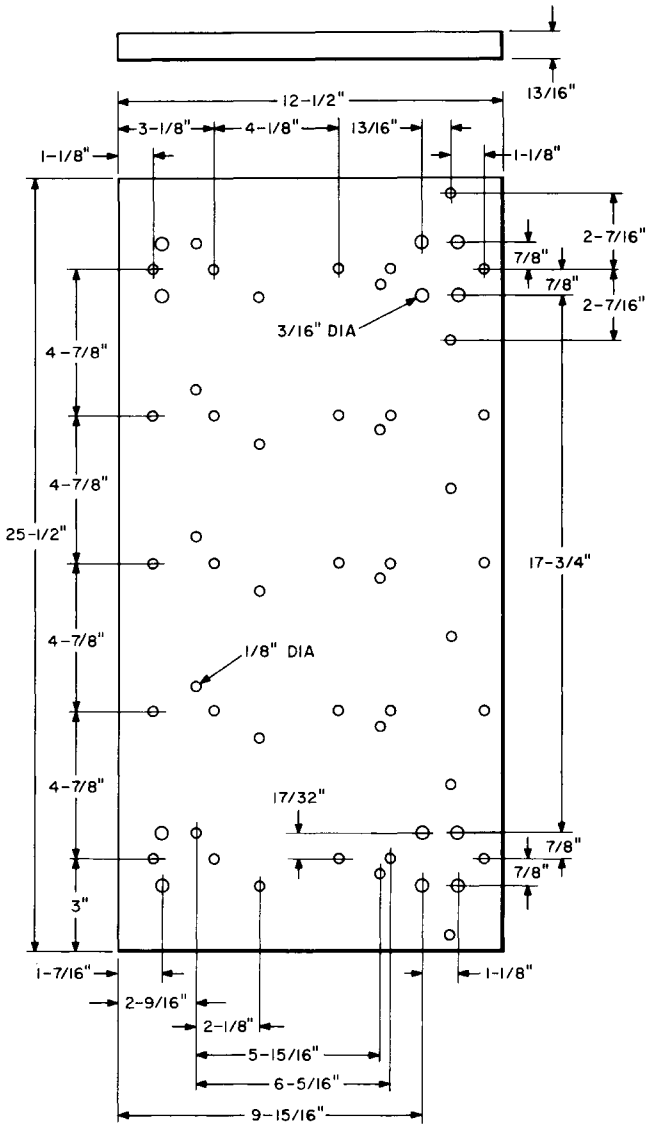
79 Type



Black finished wooden backboard.

For mounting one number 12, 59, or 98 type protector on masonry, corrugated metal, and plastered or insecure wood surfaces.

81 Type

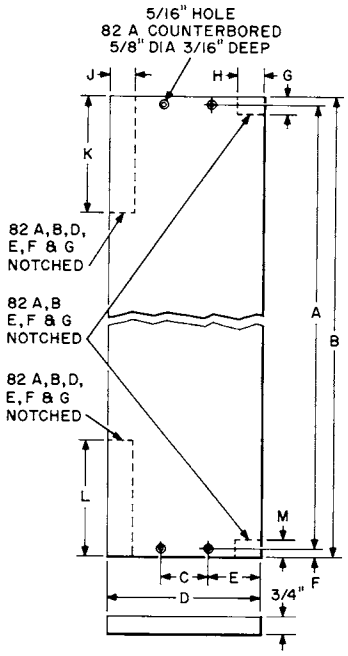


Black finished wooden backboard.

For mounting five number 12, 58, or 98 type protectors on masonry, corrugated metal, and plastered or insecure wood surfaces.

BACKBOARDS

82 Type



Wooden backboards. Mounting hardware furnished.

82A: For mounting miscellaneous apparatus in the H202 Cable Terminal Section.

82B: For mounting miscellaneous apparatus in the H303 and K606 Cable Terminal Sections.

82C: For mounting miscellaneous apparatus and also for use in the K606 Cable Terminal Section to cover the exposed end of wiring rod.

82D: For mounting miscellaneous apparatus in the H102 Cable Terminal Section.

82E: For mounting miscellaneous apparatus in the H102 Cable Terminal Section when ready access terminals are used with plastic insulated conductor cable.

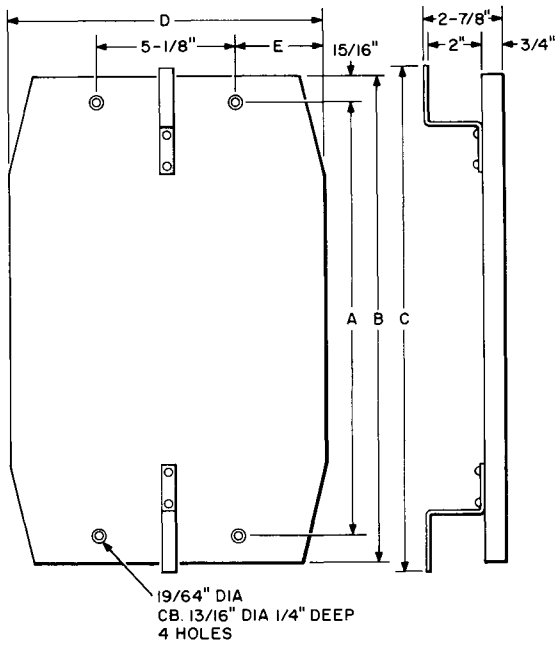
82F: For mounting miscellaneous apparatus in the H202 Cable Terminal Section when ready access terminals are used with plastic insulated conductor cable.

82G: For mounting miscellaneous apparatus in the H303 Cable Terminal Section when ready access terminals are used with plastic insulated conductor cable.

Code No.	Dimensions (Inches)											
	A	B	C	D	E	F	G	H	J	K	L	M
82A	36-1/4	38-1/2	2-1/2	6-3/4	2-5/16	1-1/8	3/4	1-3/16	1-1/8	5	5	3/4
82B	54-1/8	54-7/8	4	9-3/8	2-11/16	3/8	4-1/4	1	1	4-1/4	4-1/4	4-1/4
82C	54-1/8	55-5/8	10	12	1	3/4	—	—	—	—	—	—
82D	20-5/8	21-3/8	2-1/2	6-3/4	2-5/16	3/8	—	—	1-1/8	5	5	—
82E	20-5/8	24-3/4	9-3/4	14	2-1/8	3-5/8	3	1	1	3	6	6
82F	36-1/4	45	9-3/4	14	2-1/8	6-1/8	4	1	1	4	7-1/2	7-1/2
82G	54-1/8	63	4	9-3/8	2-11/16	5-7/8	4-1/4	15/16	15/16	4-1/4	7	7

BACKBOARDS

83 and 84 Type



83A: Wooden backboard provided with distributing ring at each end. For mounting binding post chambers or connecting blocks in L-type cable terminal sections. Part of LA16 Cable Terminal Section.

83B: Same as 83A except mounts in LA26 Cable Terminal Section.

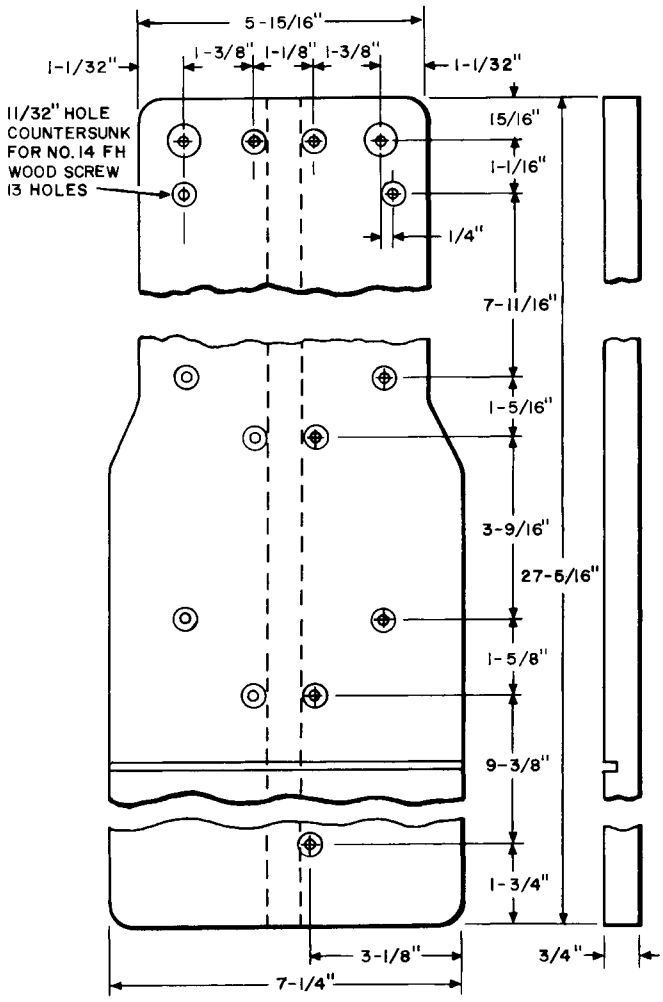
83C: Same as 83A except mounts in LA51 Cable Terminal Section.

84A: Wooden backboard provided with distributing ring at each end. For mounting binding post chambers or connecting blocks in LA-type cable terminal sections. Part of LA26 Cable Terminal Section.

84B: Same as 84A except is part of LA51 Cable Terminal Section.

Code No.	Dimensions (Inches) A	B	C	D	E
83A	16	17-7/8	18-3/8	11-1/4	3-1/16
83B	23-1/2	25-3/8	25-7/8	11-1/4	3-1/16
83C	43	44-7/8	45-3/8	11-1/4	3-1/16
84A	23-1/2	25-3/8	25-7/8	14-1/4	4-9/16
84B	43	44-7/8	45-3/8	14-1/4	4-9/16

144D

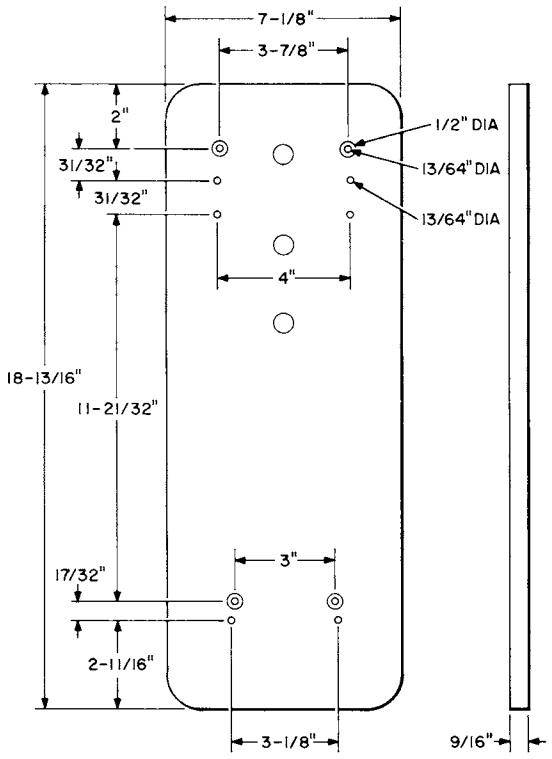


Black finished wooden backboard.

For mounting a number 684, 685, or 687 type subscriber set.

BACKBOARDS

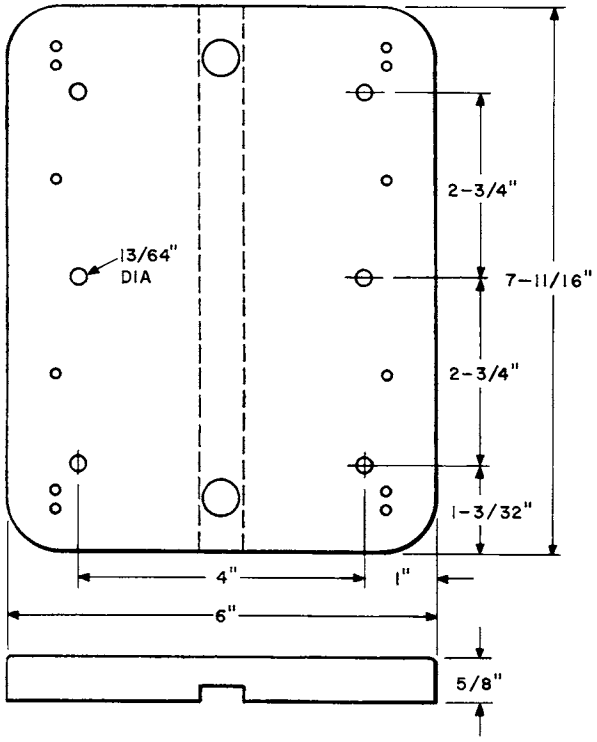
148A



Black finished wooden backboard.

For use with metal subscriber sets when mounted on metal lathed or sheathed walls or other conducting materials. Also used for mounting sets on brick walls. Drilled for number 634, 653, and 684 type subscriber sets.

154A

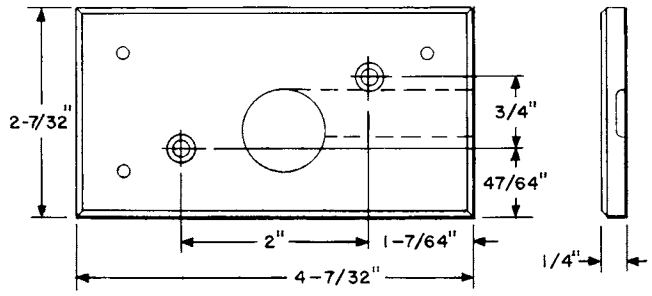


Wooden backboard, light olive gray finish.

Used in mounting number 684 type subscriber sets on brick walls and metal partitions.

BACKBOARDS

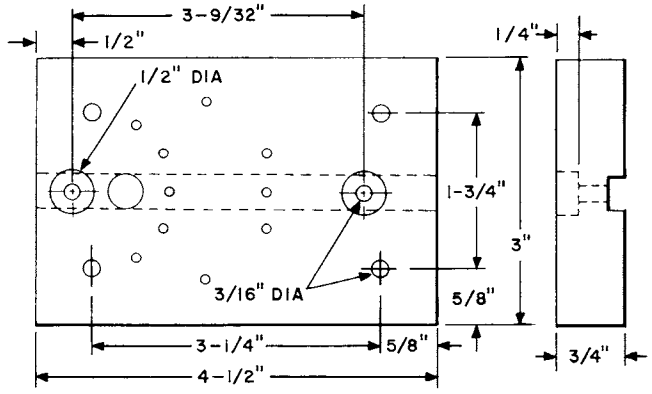
163A



Phenol fiber backboard, light olive gray finish. Screws for mounting backboard to wall and indicator to backboard are furnished.

Used to mount 14A or 20A type indicators.

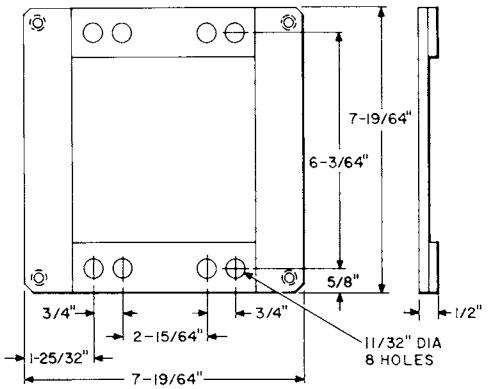
164A



Black finished wooden backboard.

Intended to mount a G-type hand set mounting on a standard outlet box, wall, or other surface or to mount a directory hanger on a wall or other surface.

166A



A galvanized welded steel frame. Used for mounting a number 320 type telephone set. Bolts are furnished to mount the telephone set to the backboard.

168 Type

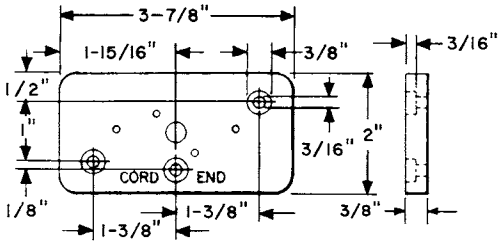


Fig. 1

BACKBOARDS

168 Type (Continued)

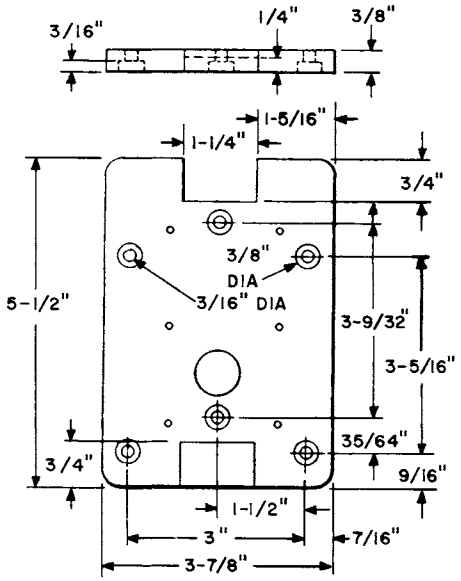


Fig. 2

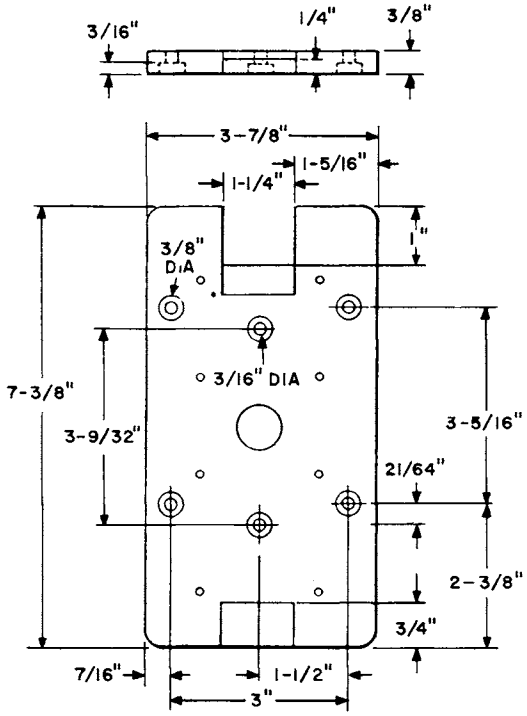


Fig. 3

168D-49: Plastic backboard, light olive gray color. Intended to mount a 42A or 44A Connecting Block on uneven or masonry surfaces. See Fig. 1.

168D-50: Same as 168D-49 except color, which is ivory.

168E-49: Plastic backboard, light olive gray color. Intended to mount two or three 44A Connecting Blocks on uneven or masonry surfaces. See Fig. 2.

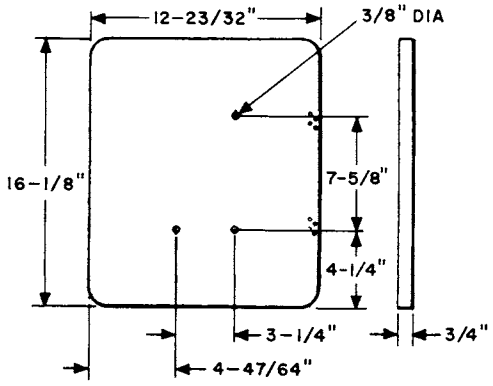
168E-50: Same as 168E-49 except color, which is ivory.

168F-49: Plastic backboard, light olive gray color. Intended to mount four 44A Connecting Blocks. See Fig. 3.

168F-50: Same as 168F-49 except color, which is ivory.

BACKBOARDS

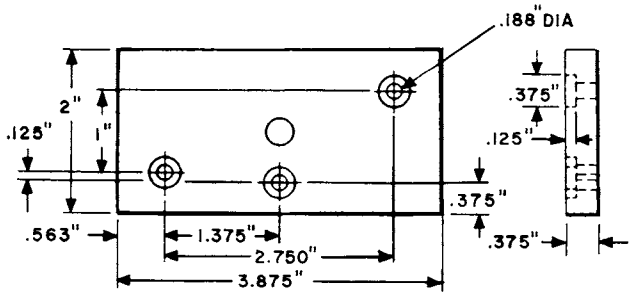
173A



Wooden composition backboard, light olive gray finish.

For mounting two 15A Apparatus Mountings used in 1A1 Key Telephone System. Two backboards butted together will fit under a 117A Cover.

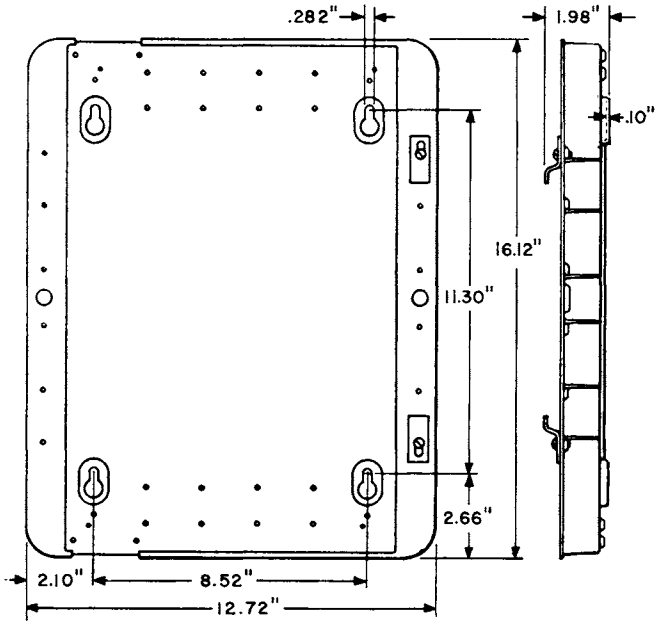
176A-49



Wooden backboard, light olive gray finish.

For mounting small miscellaneous apparatus such as jacks, buzzers, keys, and indicators on uneven or masonry surfaces.

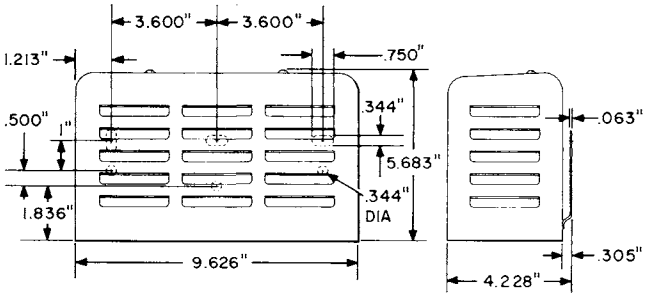
177A



Die cast metal backboard, provided with three cable rings, four blocks, and screws for mounting cable rings and blocks.

Arranged for mounting two 66B1-25 Connecting Blocks, and a 31B Apparatus Mounting in number 300, 301, or 302 type key service units by means of a **P-15C309 Bracket and a P-15C308 Hinged Bracket which are not furnished and should be ordered separately.**

181AW-49

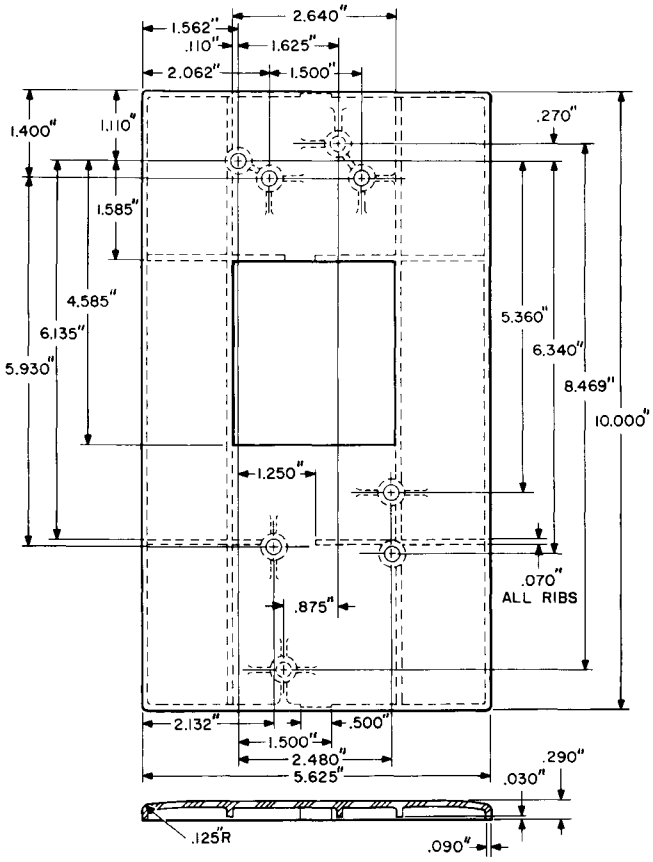


Consists of a metal bracket arranged to mount an L1AW-49 Ringer, and equipped with a removable louvered metal cover having a light olive gray finish. Provided with screws for mounting a ringer.

Intended for mounting an L1AW-49 Ringer on a pole or wall when protection against weather or dust is necessary.

BACKBOARDS

182BW

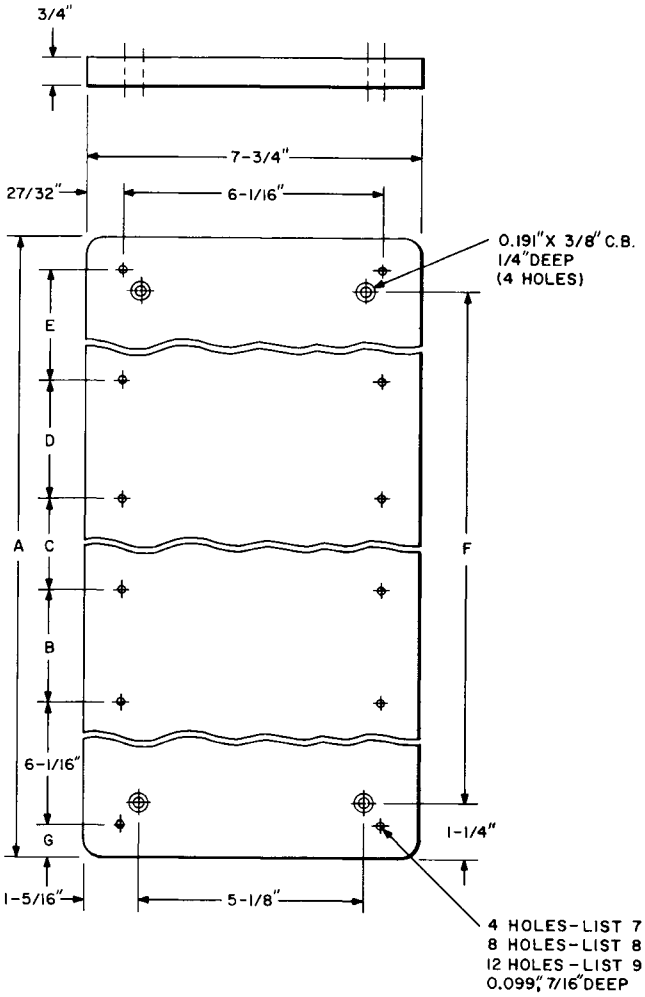


Plastic backboard, available in the following colors: -3 (black), -50 (ivory), -51 (green), -53 (red), -56 (yellow), -58 (white), -60 (light beige), and -61 (light gray).

May be used when mounting 500 type wall sets if a backboard is necessary.

Replaces 172CW Backboard.

KS-5796 Type

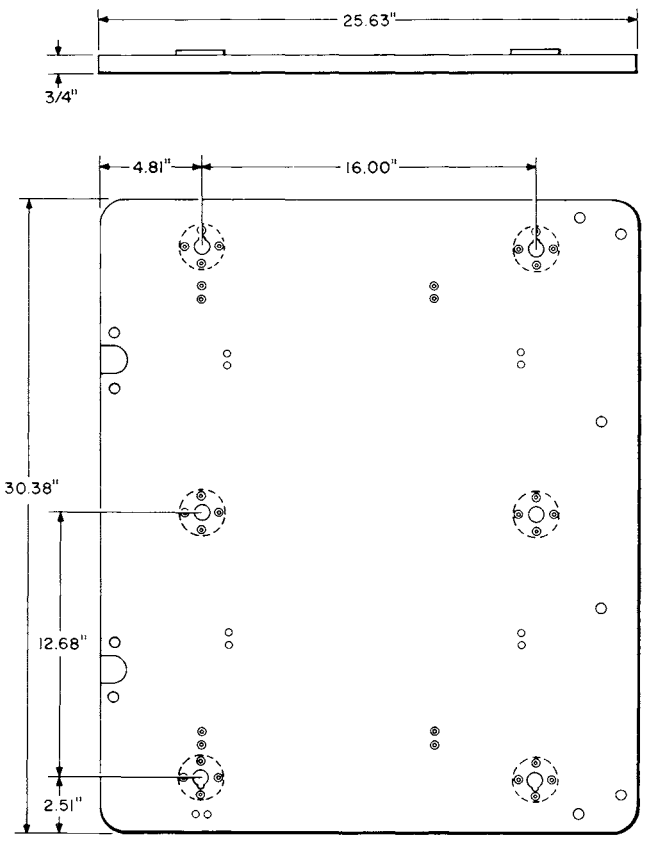


Particle board, light olive gray finish. List 7, 8, and 9 mounts 1, 2, and 3 number 105 type apparatus boxes, respectively.

Code No.	Dimension (Inches) A	B	C	D	E	F	G
KS-5796L7	7-1/4	—	—	—	—	4-3/4	19/32
KS-5796L8	16-13/32	2-23/32	6-1/16	—	—	13-29/32	25/32
KS-5796L9	25-3/16	2-23/32	6-1/16	2-23/32	6-1/16	22-11/16	25/32

BACKBOARDS

ED69368-50-Group 3



Particle board, light olive gray finish.

Used for wall mounting a 26A Apparatus Mounting. Used in conjunction with the ED69368-50-Group 2 Cover.

BACKBOARD DIMENSION TABLE

Code No.	Comcode	Description	Dimensions (Inches)			Distance Between Mounting Centers	
			Length	Width	Thickness	Width	Height
79	100 006 006	Wood, black	12-1/2	5	13/16	1-1/2	9-3/8
81	100 006 014	Wood, black	25-1/2	12-1/2	13/16	Drilled by user to suit need	
82A	100 006 022	Wood	38-1/2	6-3/4	3/4	2-1/2	36-1/4
82B	100 006 030	Wood	54-7/8	9-3/8	3/4	4	54-1/8
82C	100 006 048	Wood	55-5/8	12	3/4	10	54-1/8
82D	100 006 055	Wood	21-3/8	6-3/4	3/4	2-1/2	20-5/8
82E	100 006 063	Wood	24-3/4	14	3/4	9-3/4	20-5/8
82F	100 006 071	Wood	45	14	3/4	9-3/4	36-1/4
82G	100 006 089	Wood	63	9-3/8	3/4	4	54-1/8
83A	100 006 097	Wood	18-3/8	11-1/4	2-7/8	5-1/8	16

BACKBOARDS

BACKBOARD DIMENSION TABLE (Continued)

Code No.	Comcode	Description	Dimensions (Inches) Length	Width	Thickness	Distance Between Mounting Centers Width	Height
83B	100 006 105	Wood	25-7/8	11-1/4	2-7/8	5-1/8	23-1/2
83C	100 006 113	Wood	45-3/8	11-1/4	2-7/8	5-1/8	43
84A	100 006 121	Wood	25-7/8	14-1/4	2-7/8	5-1/8	23-1/2
84B	100 006 139	Wood	45-3/8	14-1/4	2-7/8	5-1/8	43
144D	100 006 154	Wood, black	27-5/16	7-1/4	3/4	see illustration	
148A	100 006 170	Wood, black	18-13/16	7-1/8	9/16	3-7/8	11-21/32
154A	100 006 196	Wood, light olive gray	7-11/16	6	5/8	4	2-3/4
163A	100 006 212	Phenol Fiber	4-7/32	2-7/32	1/4	3/4	2
164A	100 006 220	Wood, black	4-1/2	3	3/4	1-3/4	3-1/4
166A	100 006 246	Steel	7-19/64	7-19/64	1/2	2-15/64	6-3/64
168D-49	100 006 261	Plastic, light olive gray	3-7/8	2	3/8	see illustration	
168D-50	100 006 279	Plastic, ivory	3-7/8	2	3/8	see illustration	
168E-49	100 006 287	Plastic, light olive gray	5-1/2	3-7/8	3/8	3	3-5/16
168E-50	100 843 424	Plastic, ivory	5-1/2	3-7/8	3/8	3	3-5/16
168F-49	100 006 303	Plastic, light olive gray	7-3/8	3-7/8	3/8	3	3-5/16
168F-50	100 006 311	Plastic, ivory	7-3/8	3-7/8	3/8	3	3-1/16
173A	100 006 469	Wood, light olive gray	16-1/8	12-23/32	3/4	3-1/4	7-5/8
176A-49	100 006 493	Wood, light olive gray	2	3-7/8	3/8	see illustration	
177A	100 006 501	Die cast metal	16.12	12.72	1.98	8-1/2	11-1/3
181AW-49	100 006 543	Metal	9.626	5.683	4.228	see illustration	
182BW-3	101 139 798	Plastic, black	10	5.625	.290	see illustration	
182BW-50	101 319 788	Plastic, ivory	10	5.625	.290	see illustration	
182BW-51	101 139 806	Plastic, green	10	5.625	.290	see illustration	
182BW-53	101 319 796	Plastic, red	10	5.625	.290	see illustration	
182BW-56	101 139 814	Plastic, yellow	10	5.625	.290	see illustration	
182BW-58	101 139 822	Plastic, white	10	5.625	.290	see illustration	
182BW-60	101 139 830	Plastic, light beige	10	5.625	.290	see illustration	
182BW-61	101 139 848	Plastic, light gray	10	5.625	.290	see illustration	
KS5796L7	995 940 616	Particle board	7-1/4	7-3/4	3/4	5-1/8	4-3/4
KS5796L8	995 940 624	Particle board	16-13/32	7-3/4	3/4	5-1/8	13-29/32
KS5796L9	995 940 632	Particle board	25-3/16	7-3/4	3/4	5-1/8	22-11/16
ED69368-50 Group 3	600 003 321	Particle board	30.38	25.63	3/4	see illustration	

BASES

Telephone

AEW1 and AEW2

Code	Comcode	Color
AEW1-58	101 248 094	White
AEW1-60	101 248 102	Light beige
AEW1-61	101 248 110	Light gray
AEW2-58	101 248 128	White
AEW2-60	101 248 136	Light beige
AEW2-61	101 248 144	Light gray

Each consists of a microphone, preamplifier, and speaker for hands-free communication with the nurse console. The base also includes keys for nurse call (illuminated), privacy operation, normal operation, and call canceling.

One M2ER nurse call cord, in corresponding color, and one 53A lamp are furnished with each telephone base. A D26D cord is terminated in a KS-16689 L5 plug assembly. A D-180032 kit of parts is available to provide an optional data feature.

Approximate overall dimensions are 8.625 inches long by 3.700 inches wide by 3.900 inches high.

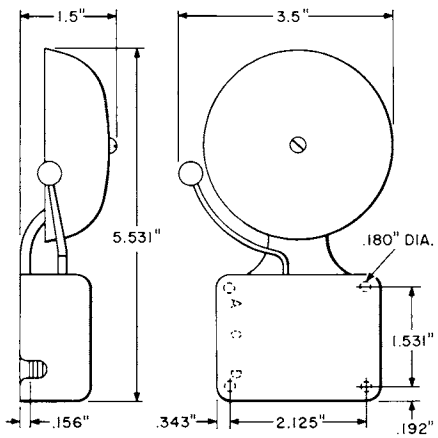
When connected to a 220AW Type Hand Telephone Set, it constitutes a TRIMLINE hospital type telephone set.

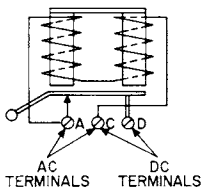
The AEW2 Telephone Base is the same as the AEW1 Telephone Base except a message-waiting lamp is provided.

Intended for use in the 3A Communication System.

BELLS

7 Type





Code No.	Comcode	Resistance Ohms	DC Min	DC Max	60 Cycles AC Min	60 Cycles AC Max
7AW	100 007 418	270.0	14	40	25	50
7CW	100 007 426	2.6	2	5	4	9
7DW	100 007 434	15.8	3	10	6	18
7EW	100 007 442	105.0	10	20	18	30
7FW	100 007 459	682.0	24	60	35	60

Equipped with heavy silver contacts and reed mounted armature with a flat retractile spring and a stop. Will normally operate without readjustment on the dc voltage ranges listed below. Readjustment for ac operation is limited to bending the retractile spring stop. The minimum effective resistance to dc or impedance to 60 Hz ac of these bells should be assumed to be approximately three times the nominal dc resistance.

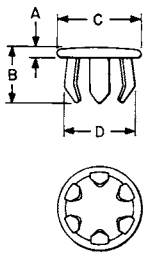
Intended for either dc or 50-60 Hz ac operation. It is recommended that connection be made to terminals C and D for either ac or dc current.

Light olive-gray finish.

BLANKS

Apparatus

39B



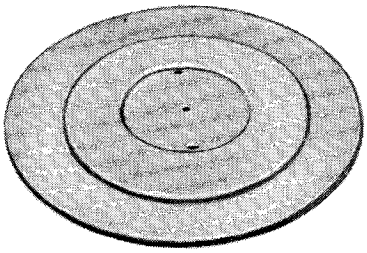
A metal apparatus blank having a black enameled finish on the head. Used in unequipped positions of number 215 or similar type jacks.

Comcode: 100 008 200

DIMENSIONS (INCHES)

A	B	C	D
.078	.391	.531	.484

95C



A plastic plate having overall dimensions of 4.500 inches in diameter with a depth of 0.509 inch.

Used to cover the dial openings in the housings of number 500, 554 and similar type telephone sets when used for manual service.

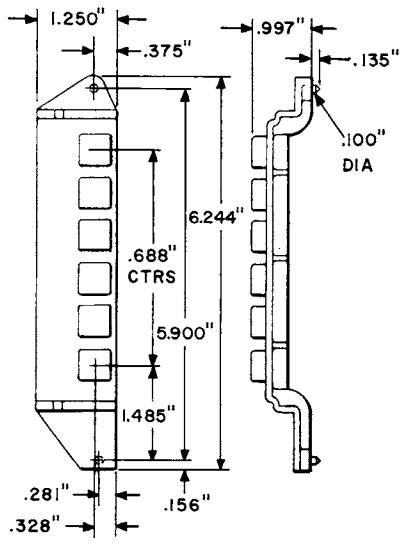
The dial brackets of the telephone set protrude into embossed slots on the back of the blank, and the telephone housing retains it in its proper position.

A card holder is furnished (shipped loose) for all colors. The blank is available in the following colors.

Code No.	Comcode	Color
95C-3	101 052 033	Black
95C-50	101 052 041	Ivory
95C-51	101 052 058	Green
95C-53	101 052 066	Red
95C-56	101 052 082	Yellow
95C-58	101 052 090	White
95C-60	101 052 116	Light beige
95C-61	101 052 124	Light gray

Replaces the 95B Apparatus Blanks.

105B



A molded opaque white plastic apparatus blank. Mounted by means of two extruded dowels.

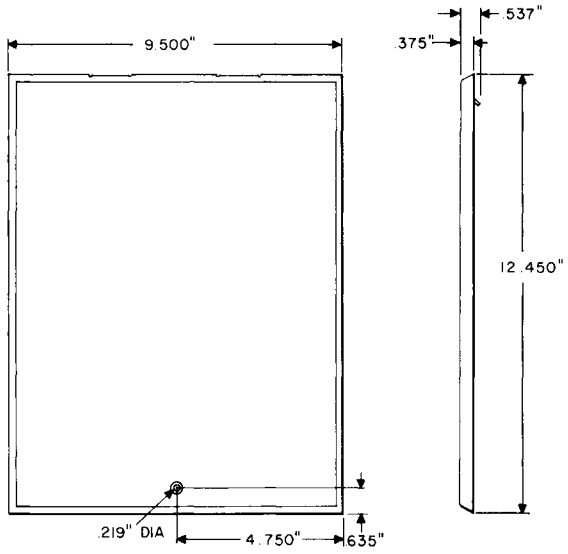
Used to fill space reserved for a 598 or 599 type keys on 630 and 631 type telephone sets.

Comcode: 100 008 911

BLANKS

Apparatus

107BW

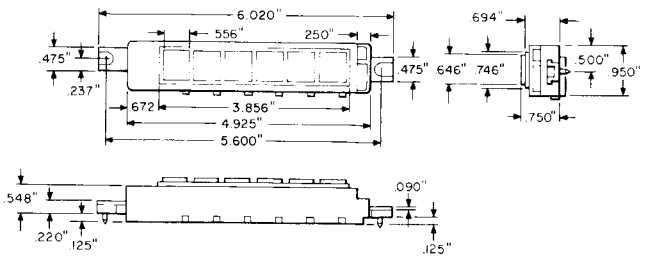


A metal apparatus blank intended to cover the space reserved for a number 750 or 1750 type telephone set in a wall-mounted number 113 type or a 114AW Apparatus Box.

Provided with mounting brackets and screws.

Comcode: 100 008 960

111A



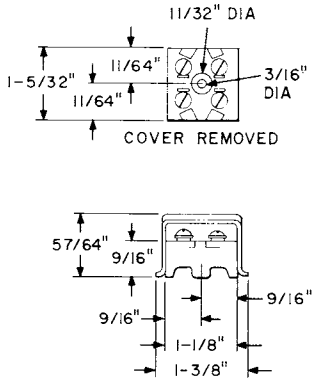
A white molded compound with a plastic appearance which is intended for use in the 3640AW and 3641AW Type Telephone Sets to fill the space reserved for additional keys. The width of the apparatus blank is the same as one of the keys.

Comcode: 100 009 026

BLOCKS

Connecting

11 Type



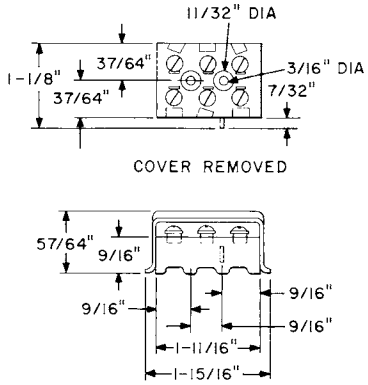
Equipped with screw terminals molded in a black composition base. Opposite terminals are electrically connected.

11B & C Type: Furnished with a metal cover. Cover is not furnished with 11A.

11C Type: Have an insulating strip on the underside of the cover to protect the terminals from short circuits.

Code No.	Comcode	Color of Cover
11A	100 009 067	—
11B-49	100 009 075	Light olive gray
11B-50	100 009 083	Ivory
11C-49	100 009 091	Light olive gray
11C-50	100 009 109	Ivory

12 Type



Equipped with screw terminals molded in a black composition base. Opposite terminals are electrically connected. Provided with a metal insert having a hole which serves as a means of fastening cords equipped with metal stays.

12F Type are furnished with a metal cover. Cover is not furnished with 12E.

Code No.	Comcode	Color of Cover
12E	100 009 117	—
12F-49	100 009 125	Light olive gray
12F-50	100 009 133	Ivory

18 Type

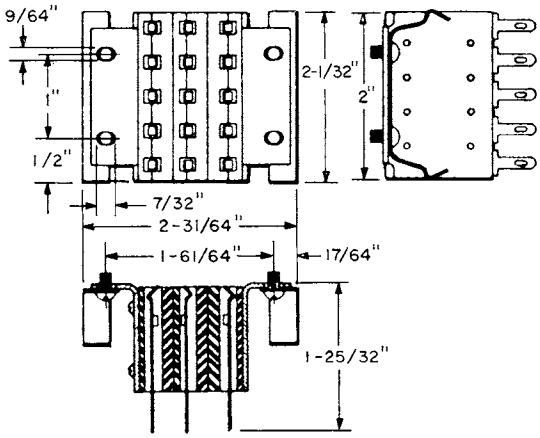


Fig. 1

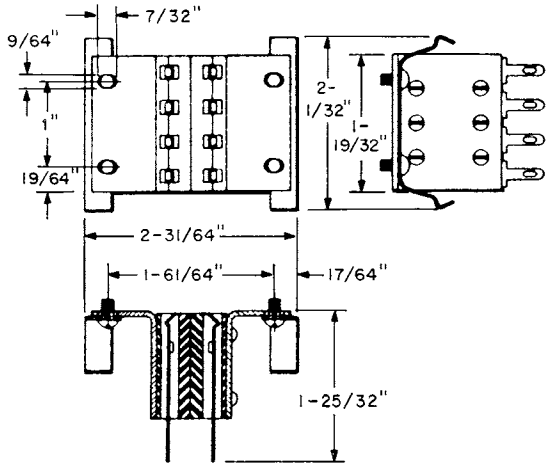


Fig. 2

BLOCKS

Connecting

18 Type (Continued)

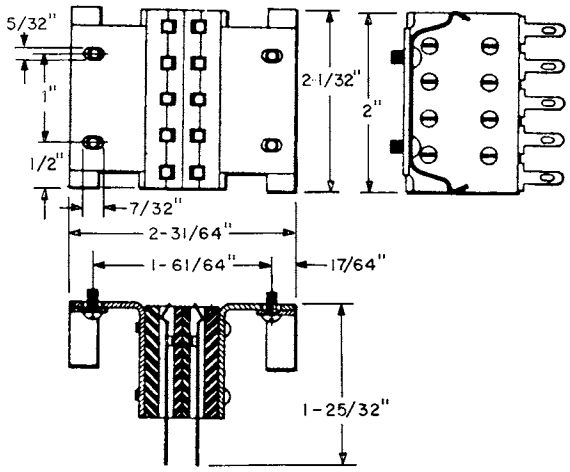


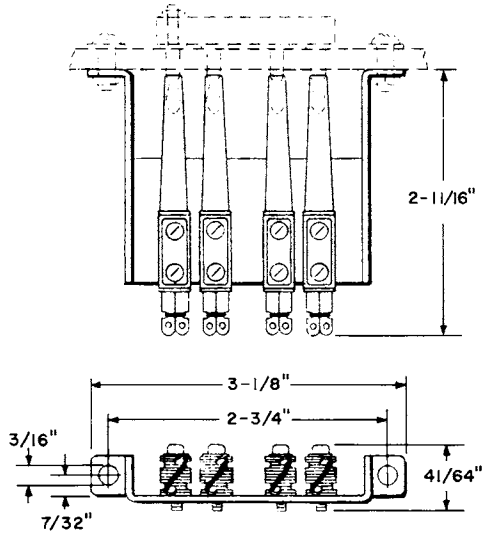
Fig. 3

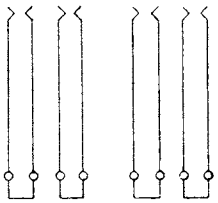
Connecting blocks for use with relays in table. Arranged to engage with guide posts of the associated relay. Mounting screws furnished.

Code No.	Comcode	Fig. No.	Number of Terminals	For Use with Relay No.
18A	100 009 158	1	15	209A, 209FA
18B	100 009 166	2	8	215A, 209FB
18F	100 009 174	3	10	228A, 228B

Used to mount on mounting plates of the number 823 or similar type.

26B





A connecting block adapted to mount on mounting plate 7/32-inch thick.

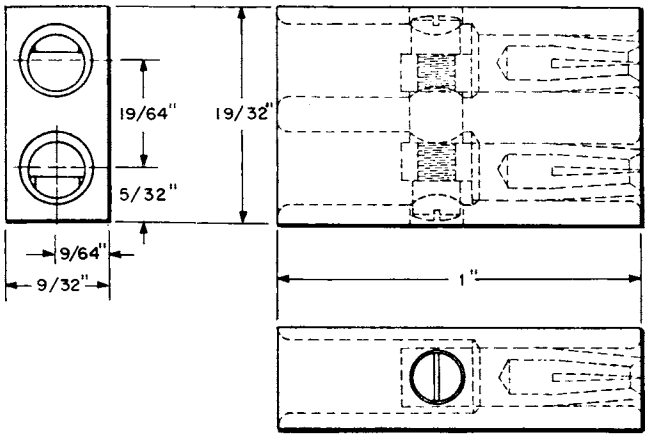
For use with a number 218 type relay. Arranged to engage with terminals of the associated relay and hold it in position by spring tension.

Comcode: 100 009 224

BLOCKS

Connecting

29A

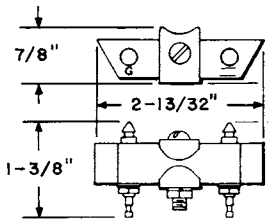


A block of black insulating material provided with two metal sleeves arranged at one end to be attached to an L4T Cord and at the other end to connect to a number 29 Cord Tip by means of plug connections.

Used on L4T Cord to permit chief operator to plug in with supervisor by using a receiver and R2DM Cord.

Comcode: 100 009 265

33A and B



A block of insulating material provided with terminals for making solder connections at one end and temporary test connections at the other end. Adaptable for bases of either 5/8-inch or 3/4-inch thickness.

33A is engraved 24 volts.

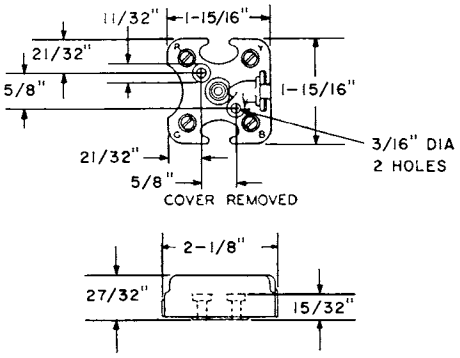
Comcode: 100 997 345

33B is engraved 48 volts.

Comcode: 100 009 281

For use in testing distributing frames in the rear of switchboards.

42A Type

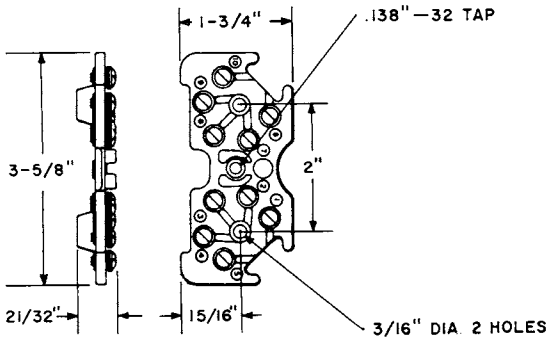


A block of insulating material equipped with four screw terminals, associated screws and washers, and a removable plastic cover.

Code No.	Comcode	Color of Cover
42A-49	100 009 323	Light olive gray
42A-50	100 009 331	Ivory

Used as a bridging terminal.

44A



A block of insulating material equipped with ten screw terminals and arranged for number 101 type covers.

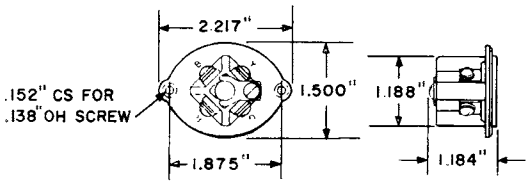
For use with telephone sets in installations needing more than four terminals.

Comcode: 100 009 349

BLOCKS

Connecting

47D Type



Consists of a block of insulating material equipped with four terminal screws. Arranged for telephone set mounting cord having either a winged type stay band or an S-hook. Can be used with a 43B Bracket in standard conduit outlet boxes.

Code No.	Comcode	Color
47D-49	100 009 380	Light olive gray
47D-50	100 009 398	Ivory
47D-54	100 009 406	Brown

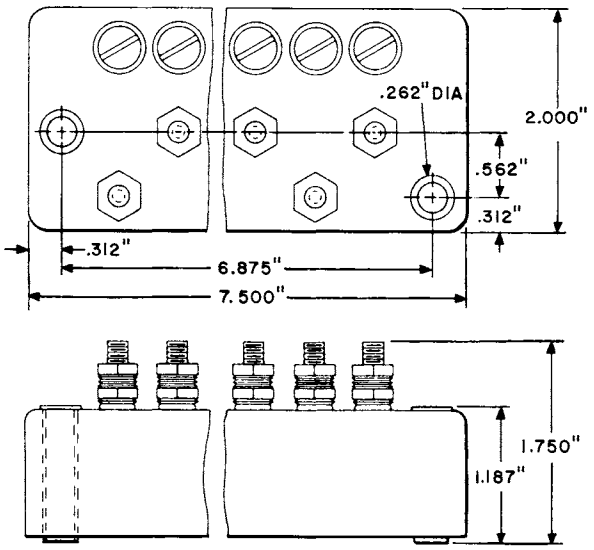


Fig. 2

57A Type

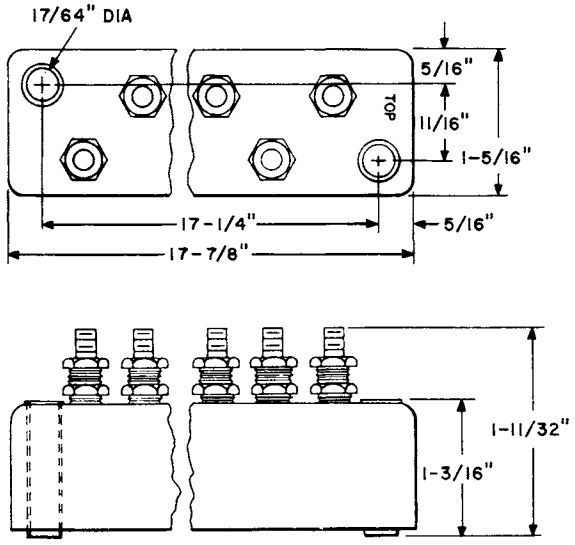


Fig. 1

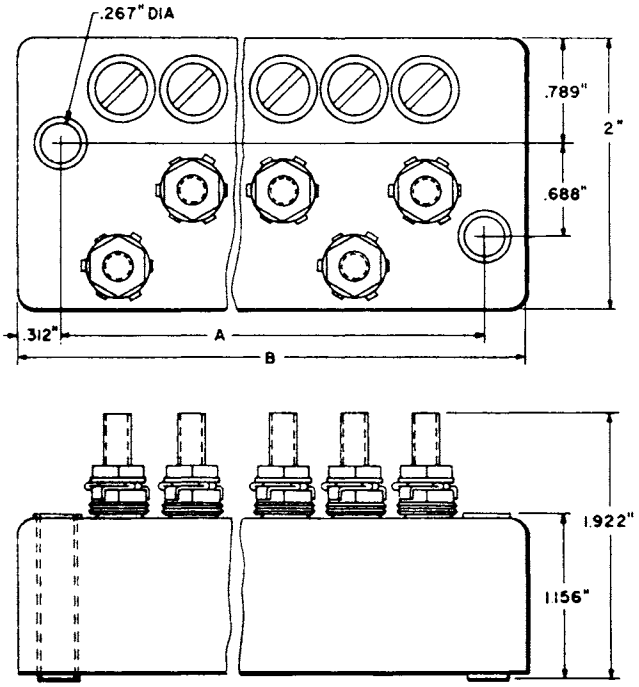


Fig. 3

BLOCKS

Connecting

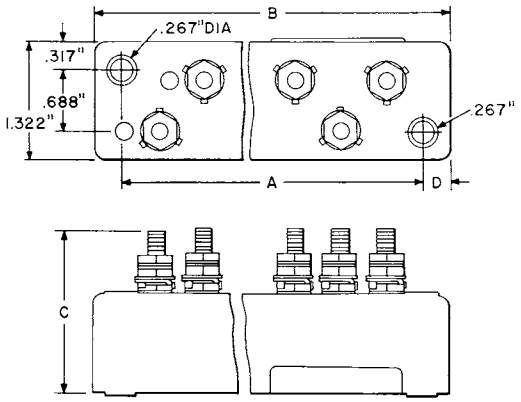


Fig. 4

Consists of a cast resin connecting block containing binding post and protector units as indicated in the table.

Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B	C	D	No. of Pairs of Wires Arranged For	Contains Binding Post	Contains Protector Units Qty	Type
57A	100 009 547	1	—	—	—	—	16	32	—	—
57A2-10	100 009 554	4	10.922	11.580	1.92	.30	10	20	—	—
57A2-16	100 009 562	4	17.250	18.00	1.46	.38	16	32	—	—
57A2A-6	100 009 570	2	—	—	—	—	6	12	12	2A1A
57A2A-10	100 998 889	3	10.922	11.580	1.92	.30	10	20	20	2A1A
57A2A-16	100 998 897	3	17.250	18.00	1.46	.38	16	32	32	2A1A
57A2B-6	100 009 588	2	—	—	—	—	6	12	12	2A1B
57A2B-10	100 009 596	3	10.875	11.500	—	—	10	20	20	2A1B
57A2B-16	100 009 604	3	17.250	17.875	—	—	16	32	32	2A1B

57A: Arranged for mounting in a KS-16191 Cable Terminal Box for pole mounting. Intended for use with buried polyethylene insulated conductor cable.

57A2-10: Intended for use in the 5A1 Closure for quick connections to PIC cable.

57A2-16: Intended for use in the 5B1 Closure for quick connections to PIC cable.

57A2A-6 and 57A2B-6: Intended for use in the 116C and D Protectors, respectively.

57A2A-6: Intended to provide 500 volt protection for exposed distribution wires.

57A2A-10 and 57A2A-16: Intended to provide 500 volt protection for wires in 5A1 and 5B1 Closures, respectively.

57A2B-6: Intended to provide 800 volt protection for exposed distribution wires.

57A2B-10 and 57A2B-16: Intended to provide 800 volt protection for wires in the 5A1 and 5B1 Closures, respectively.

BLOCKS

Connecting

57B1A Type

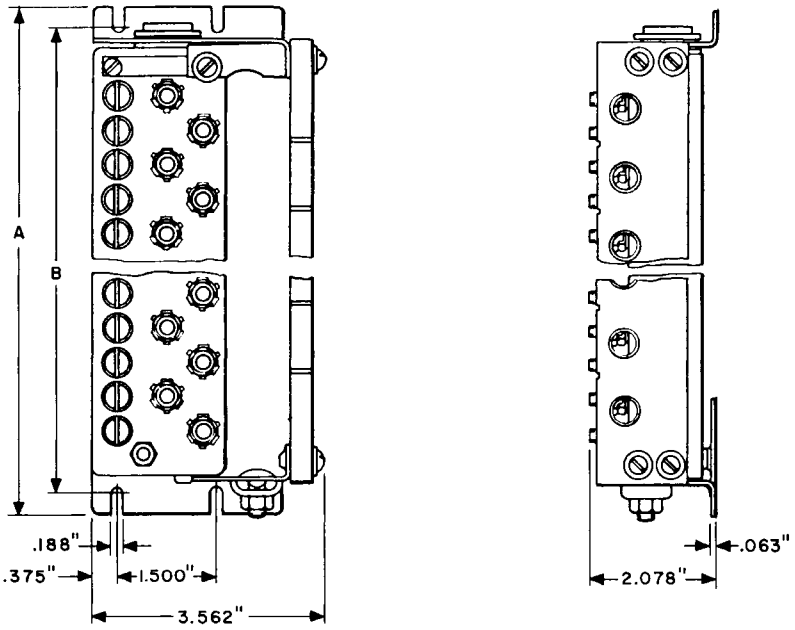


Fig. 1

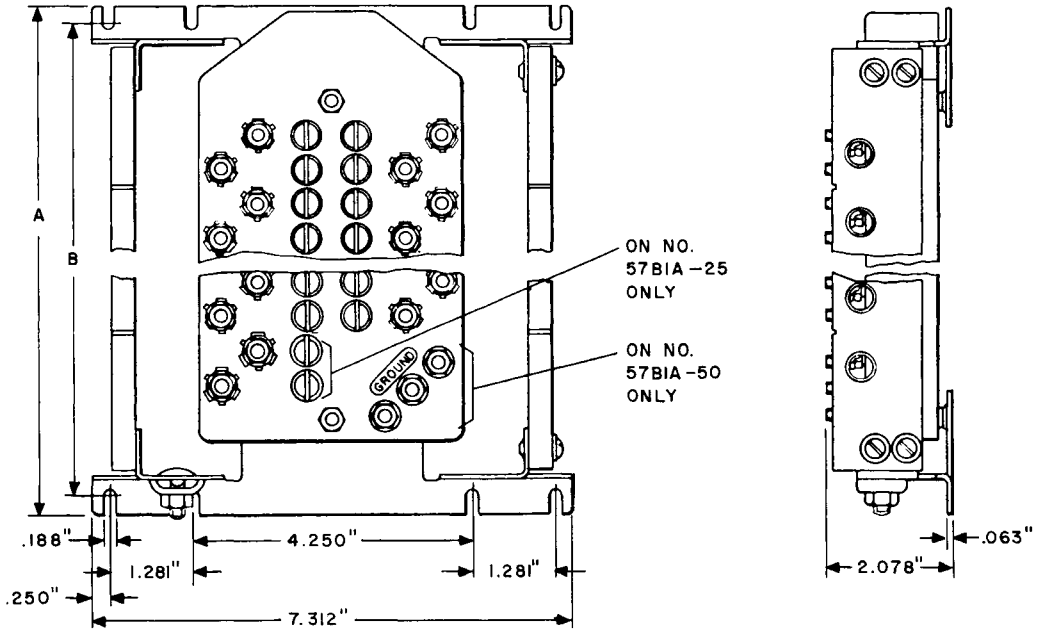


Fig. 2

BLOCKS

Connecting

Each consists of a cast resin block containing binding posts, protector units, nuts, flat washers, and insulation crushing washers, assembled to metal mounting brackets. The protector units are grounded to the mounting brackets. Blocks are provided with fanning strips and a clamp for terminating a number 6 ground wire. Additional nuts, flat washers, and insulating crushing washers are furnished for making a second connection on each binding post when required.

Code No.	Comcode	Fig. No.	No. of Pairs of Conductors Arranged for	Contains 2A1A Protector Units	Dimensions (Inches) A	Dimensions (Inches) B
57B1A-10	100 009 612	1	10	20	12.750	12.312
57B1A-16	100 009 620	1	16	32	19.125	18.562
57B1A-25	100 009 638	2	25	50	17.250	16.812
57B1A-50	100 009 646	2	50	100	31.062	30.625

57B1A-10, -16, and -25: Intended to be installed in G-type cable terminal boxes and 1A1 Cable Terminal Sections.

57B1A-50: Intended to be installed in the H202 Cable Terminal Sections.

Intended for use as fuseless protected connecting blocks in building terminals where the ready access principle is used to terminate plastic insulated conductor cable without removal of insulation.

BLOCKS

Connecting

59A and B Type

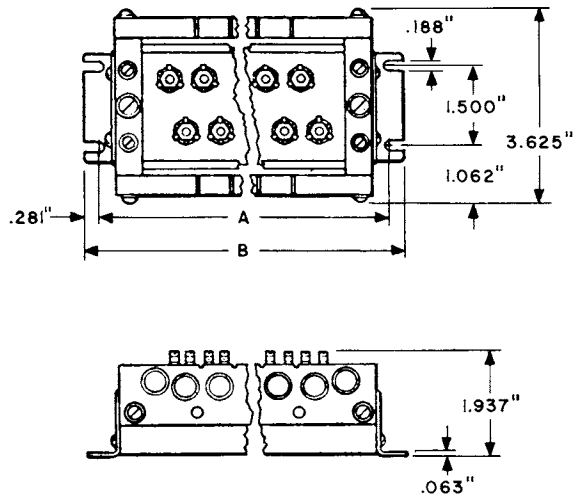


Fig. 1

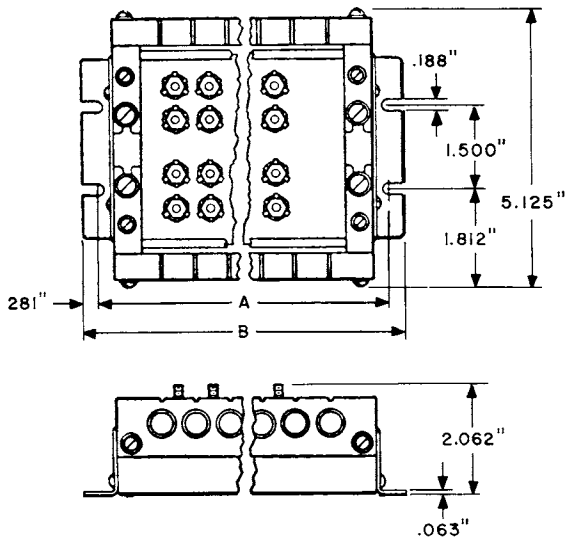


Fig. 2

Consists of a light olive gray, enamel finished metal chamber having an insulating panel containing binding posts equipped with insulation crushing washers. Equipped with fanning strips on both sides of chamber.

Mounting centers permit installation in G-type cable terminal boxes and 1A1 Cable Terminal Sections, or on backboards in H-type cable terminal sections. 59A2 and 59B2 same as 59A1 except that the stub and compression nipple are omitted.

For use in building terminals where the ready access principle is used to terminate polyethylene insulated cable.

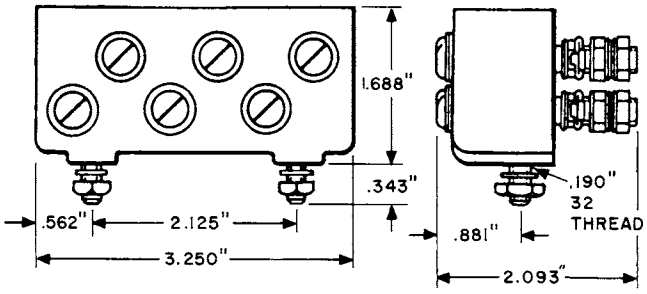
Code No.	Comcode	Fig. No.
59A1-11	100 009 661	1
59A1-16	100 009 679	1
59A1-25	100 009 687	1
59A1-50	100 009 695	2
59A2-11	100 009 703	1
59A2-16	100 009 711	1
59A2-25	100 009 729	1
59A2-50	100 009 737	2
59B2-75	100 009 745	2
59B2-100	100 009 752	2
59B2-300	100 009 760	2

No. of Pairs of Conductors Arranged for	Dimensions (Inches)	
	A	B
11	9.125	9.688
16	12.250	12.812
25	18.500	19.062
50	18.500	19.062
11	9.125	9.688
16	12.250	12.812
25	18.500	19.062
50	18.500	19.062
75	28.000	28.812
100	36.125	36.937
300	53.938	54.750

BLOCKS

Connecting

60A1A-3 and 60A1B-3



Each consists of a cast resin block containing three pairs of binding posts. Each binding post is equipped with insulation crushing washers to permit making cable terminations without removal of insulation.

60A1A-3: Contains six 2A1A Protector Units and provides 500 volt protection for use in central offices.

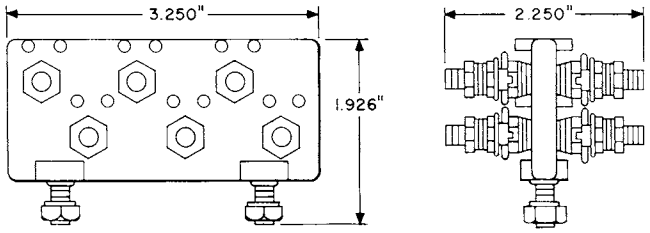
Comcode: 100 009 786

60A1B-3: Contains six 2A1B Protector Units and provides 800 volt protection for use with buried cable terminals.

Used to provide facilities for connecting up to three cable pairs and for terminating drop or service wires.

Comcode: 100 009 794

60A2-6



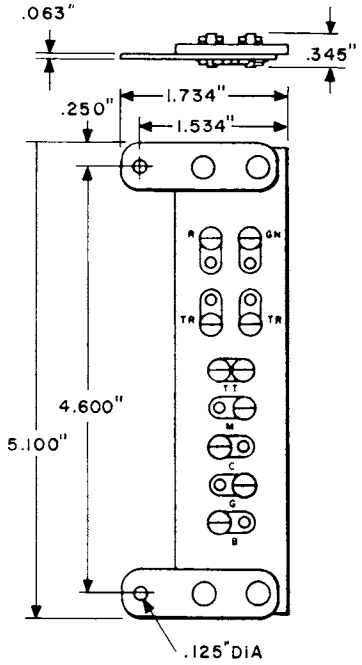
Consists of an injection molded block equipped with six pairs of binding posts mounted back to back with three pairs on each surface of the block. Each binding post is provided with nuts, flat washers, and insulation crushing washers to permit making cable terminations without removing insulation.

Used initially in B buried cable terminals to terminate buried PIC cable.

Replaces the 60A1-6 Connecting Block.

Comcode: 100 999 309

63A



Consists of a strip of insulating material equipped with nine terminals and two mounting brackets.

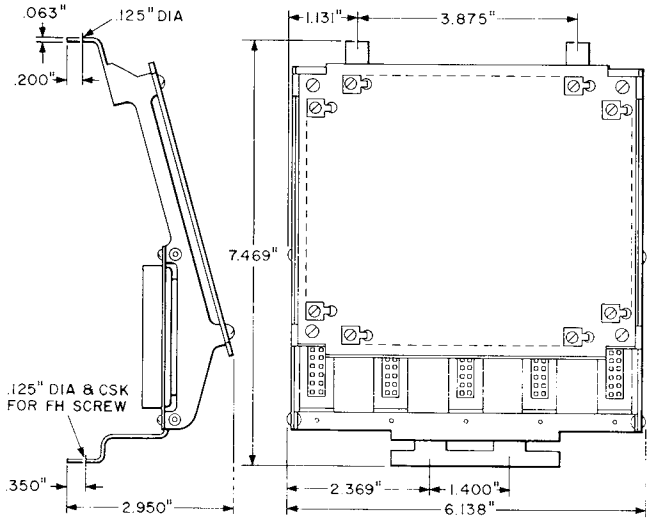
Used with 1A1 and 6A Key Telephone Systems.

Comcode: 100 009 810

BLOCKS

Connecting

64A

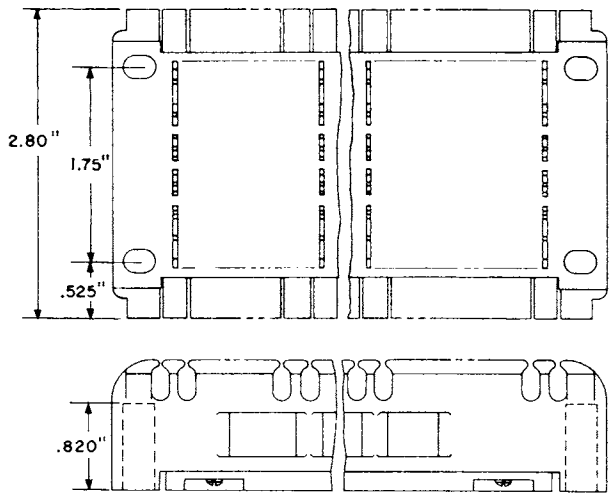


Consists of a block of insulating material equipped with 104 numbered terminals for both screw and solder connections, and five KS-16671L1 Plugs assembled on a metal mounting. Mounting screws are furnished.

For use with 423AW2, 424AW2, 425AW2, and 426AW2 Key Mountings to provide means for connecting the associated keys to 236A Key Telephone Units.

Comcode: 100 009 828

66B Type



Each consists of a molded plastic block containing quick-connect terminals. Intended for terminating number 20 through 24 AWG polyethylene or polyvinyl chloride insulated conductors on selected wire in multiple without removal of conductor insulation by means of a 714B tool.

Can mount on 115A1 and 115B1 Apparatus Boxes.

66B3-50: Contains 50 rows of two 3-clip terminals, each terminal of which permits the connection of from 1 to 3 conductors. Equipped with a fanning strip on one side of the block, and an additional fanning strip (shipped loose) to mount on the other side of the block. Arranged for 50 pairs of conductors.

Intended for use with 311A, 501A1 and 502A Key Service Units.

Comcode: 100 009 893

66B4-25: Contains 50 rows of 6-clip terminals, each terminal of which permits the connection of from 1 to 6 conductors, and equipped with a fanning strip on each side of the block. Arranged for 25 pairs of conductors.

Intended for use with 115A1 and 115B1 Apparatus Boxes.

Comcode: 100 009 901

66B5-37: Contains 50 rows of terminals. Twenty-six rows contain 6-clip terminals, each terminal of which permits the connection of from 1 to 6 conductors. Twenty-four rows contain two 3-clip terminals, each terminal of which permits the connection of from 1 to 3 conductors. Equipped with a fanning strip on one side of the block, and an additional fanning strip (shipped loose) to mount on the other side of the block. Arranged for 37 pairs of conductors.

Comcode: 100 009 919

BLOCKS

Connecting

66C Type

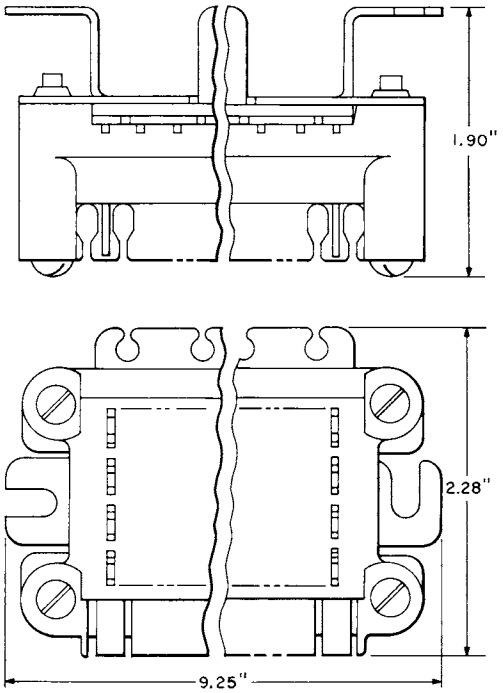


Fig. 1

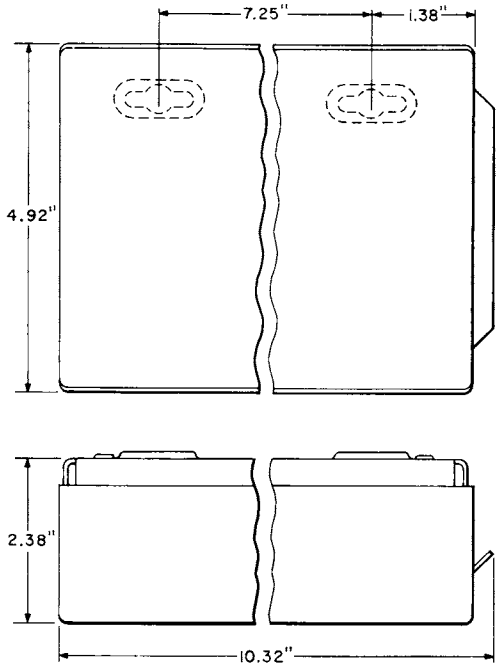


Fig. 2

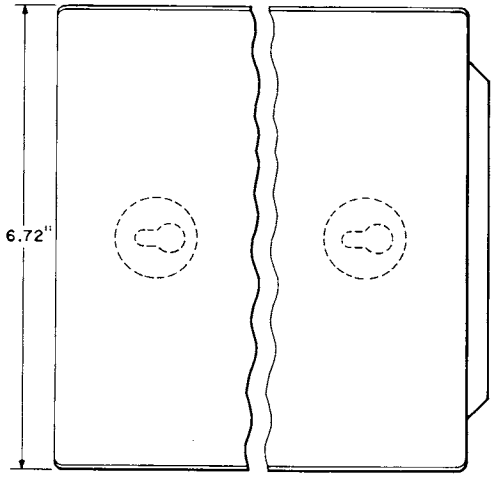


Fig. 3

66C1-16: Consists of 32 clip-type terminals on a molded plastic strip which is mounted on a steel bracket. Each clip terminal permits the connection of from one to four number 20 through 24 AWG conductors without removal of polyvinyl chloride insulation. Two fanning strips are furnished. See Fig. 1.

Forms part of 66C2-16 and 66C2-32 Connecting Block.

Comcode: 100 009 927

66C2-16: Consists of a gray metal housing with a light gray cover and contains one 66C1-16 Connecting Block. The cover is reversible to permit opening from the top or bottom of the housing. See Fig. 2.

Comcode: 100 009 935

66C2-32: Same as 66C2-16 except contains two 66C1-16 Connecting Blocks. See Fig. 3.

Comcode: 100 009 943

Intended for use as bridging facilities in 1A1 and 6A Key Telephone Systems.

BLOCKS

Connecting

66E Type

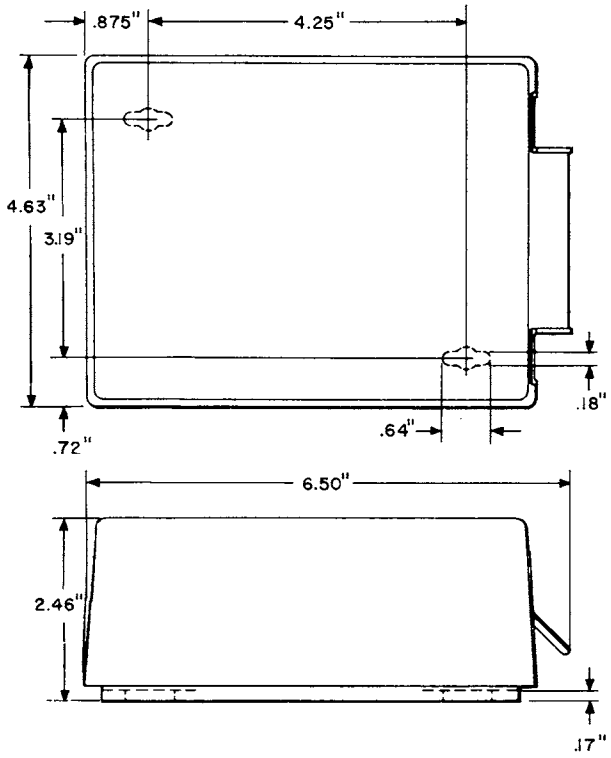


Fig. 1

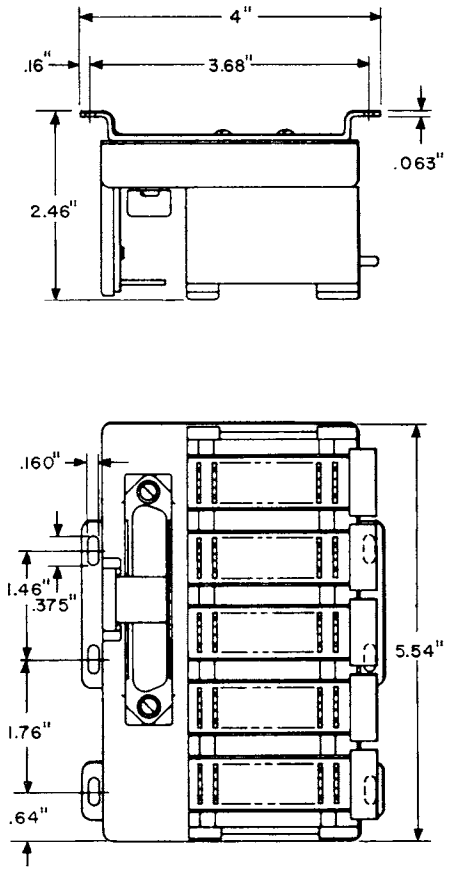


Fig. 2

Consists of a molded plastic block containing 50 clip-type terminals arranged in 5 rows of 10 terminals, and a KS-16672L3 Connector mounted on a light olive gray plastic base. The clip terminals are wired to the connector terminals.

66E3-25: Equipped with a snap-on cover and arranged for wall mounting. A cable trough and fanning strip are provided. See Fig. 1.

Comcode: 100 009 968

66E4-25: Arranged for mounting in duct adapters under the floor or over the floor. A fanning strip is provided. See Fig. 2.

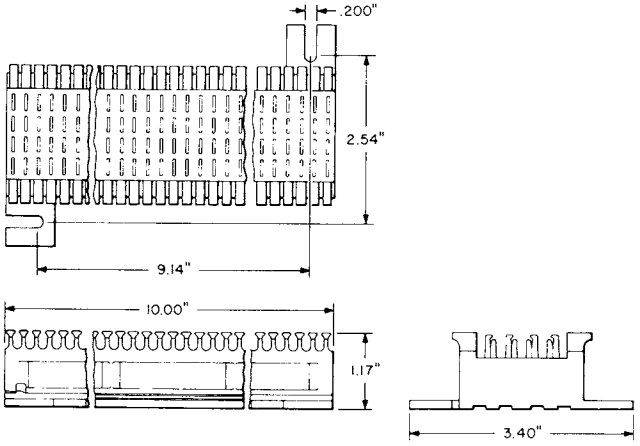
Comcode: 100 009 976

Used as a connecting block for raw-ended cable in station installations.

BLOCKS

Connecting

66M1-50



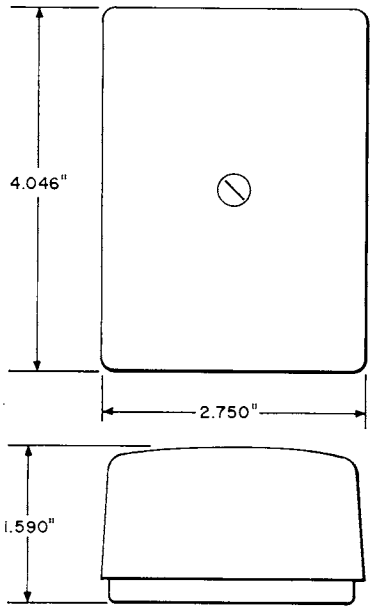
Consists of a molded plastic block containing quick-connect terminals. Intended for terminating number 20 through 24 gauge polyethylene or polyvinyl chloride insulated conductors without removal of conductor insulation.

Contains fifty rows of two "2-clip" terminals, each terminal of which permits the connection of up to two conductors. Equipped with a wire fanning strip on each side of the block.

Used in wire terminating arrangements of cables and key telephone systems.

Comcode: 101 238 178

74A and 74B



Each has painted sheet metal bases and removable plastic covers, which are held together by a screw located in the center of the cover. The 74A contains a 425A Cold Cathode Electron Tube and the 74B contains a 426A Cold Cathode Electron Tube. Each has a fiber board terminal strip containing three triple and two double eyelet terminals. The base is arranged to receive both inside wiring and all lengths of line cords.

Code No.	Comcode	Color
74A-49	100 010 099	Light olive gray
74A-50	100 010 107	Ivory
74B-49	100 010 115	Light olive gray
74B-50	100 010 123	Ivory

Used to mount 425A and 426A Electron Tubes when tubes cannot be mounted inside the telephone set.

APPARATUS

BLOCKS

Connecting

1044A-49 and -50

Arranged for a mounting cord having a hook-type stay band.

1044A-49: Light olive gray color, consists of a 44A Connecting Block and a 101A-49 Cover.

Comcode: 100 010 149

1044A-50: Ivory color, consists of a 44A Connecting Block and a 101A-50 Cover.

Comcode: 100 010 156

For use with telephone sets requiring 10 screw terminals and special wiring plans.

BLOCKS

Fuse

22A & B and 23A & B

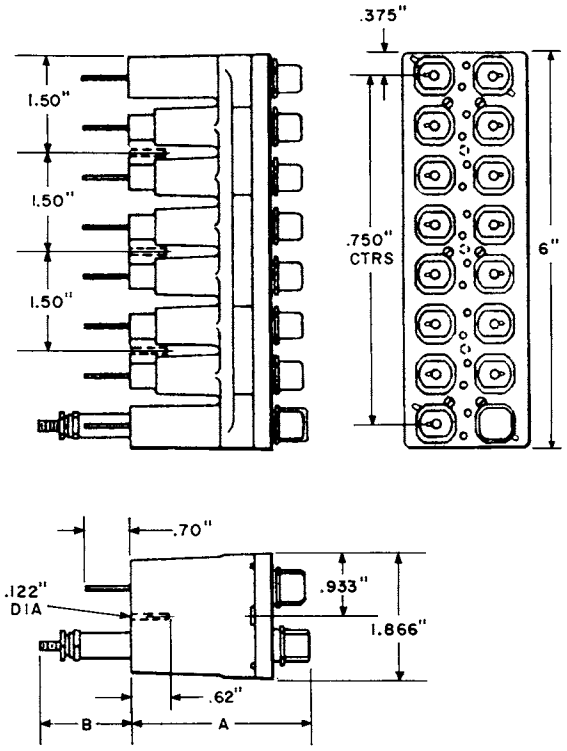


Fig. 1

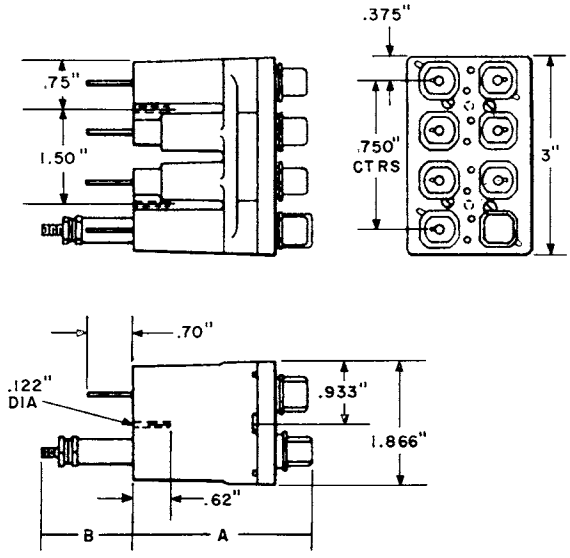


Fig. 2

Each consists of a block of insulating material having a detachable cover and arranged to mount fuses, alarm bus bars, and a battery bus bar. Openings are provided for installation of number 70 type fuses. **The fuses and bus bars are not furnished and must be ordered separately.** Fuse caps and fuse terminals are furnished. Fuse caps have an opening for the protrusion of a fuse bead when blown. Terminals are arranged for mechanically wrapped connections.

Cover contains holes to accommodate KS-14174 or KS-16078 Designation Pins (not furnished) to indicate capacity of the fuses, and holes for testing alarm bars when installed. Block contains slots on ends for common alarm and battery bus bars between adjacently mounted fuse blocks.

Screws are provided for mounting.

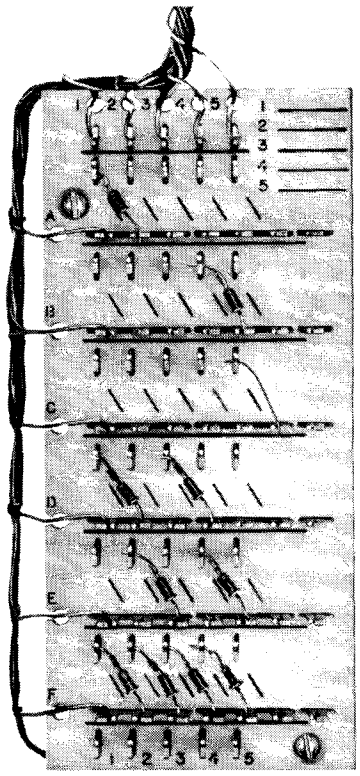
Code No.	Comcode	Fig. No.	No. Fuses Accommodated	Dimensions (Inches) A	B
22A	100 010 461	1	16	2.68	—
22B	100 010 479	1	15(a)	2.73	1.37
23A	100 010 487	2	8	2.63	—
23B	100 010 495	2	7(a)	2.68	1.37

(a) And one fuse not larger than 30 amp rating and having an end cap diameter of 9/32 inch and an overall length of 1-1/4 inches.

BLOCKS

Matrix

1A1



Consists of a molded plastic block equipped with horizontally and vertically aligned rows of terminal connectors, commonly referred to as clip terminals, arranged to receive pigtailed 446F Diodes. **Diodes are not furnished and must be ordered separately. A 714B Tool is required for diode installation and must be ordered separately.**

Overall dimensions are approximately 6.375 inches long by 2.813 inches wide by 1.250 inches thick including the projection of the clip terminals.

Vertical rows of terminals are numbered 1 through 5 at the top of the block. Space is provided in the upper right hand corner of each block for designating each of these five rows as desired. Horizontal rows of terminals are labelled alphabetically A through F with ample area available to the left of each row for circuit identification.

Intended for use in key telephone systems to provide for diode control of station audible signals.

Depending on the diode placement, polarity direction, one matrix block can be used to control six ringers, less capacitors, from five separate key system line circuit units or vice versa. This then can be called a "6 by 5" or "5 by 6" matrix unit, capacity wise.

Comcode: 100 847 052

BLOCKS

Protector

26, 27, 28, 29, 29B, 30, and 31A

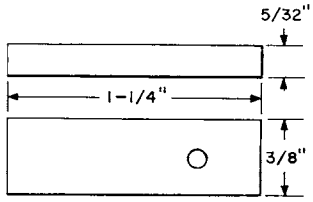


Fig. 1

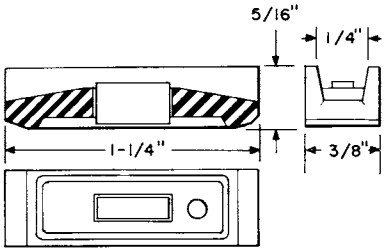


Fig. 2

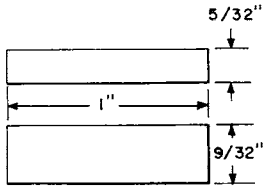


Fig. 3

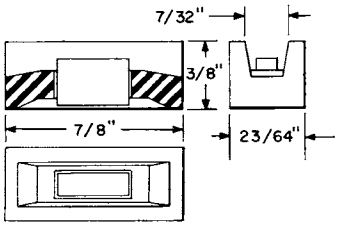


Fig. 4

26 and 28: Plain hard carbon blocks.

27, 29, 29B, 30, and 31A: Consist of a grooved porcelain frame and a carbon insert which is held in place by means of a fusible cement. The carbon insert is depressed below the surface of the porcelain so that when these protector blocks are used with plain carbon blocks as indicated below they form open space cutouts without the use of separators. The frames of number 27 and 29 are white, and the frames of number 29B and 30 are white with both ends colored blue. The ends of the frame of 31A are yellow.

Code No.	Comcode	Fig. No.	Nominal (Inch) Air Gap	Arranged for use only with Protector Block No.
26	100 010 594	1	—	27, 30, 31A
	*101 220 838	1	—	27, 30, 31A
27	100 010 602	2	.0028	26
	*101 220 820	2	.0028	26
28	100 010 610	3	—	29
29	100 010 628	4	.0028	28
29B	100 010 636	4	.006	28
30	100 010 644	2	.006	26
31A	100 010 651	2	.010	26

*Two per package.

The number 27 is intended for use in central office protectors on 1/2-inch centers and substation protectors. Number 29 and 29B are intended for use in central office protectors on 3/8-inch centers. The number 30 is intended for use only in cable protectors. The 31A is intended for use in protecting pole mounted phantom repeating coils.

BLOCKS

Protector

32A & B, 33 Type, and 34A1

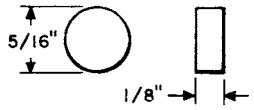


Fig. 1

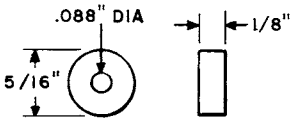


Fig. 2

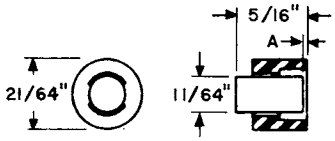


Fig. 3

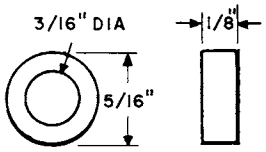


Fig. 4

Code No.	Comcode	Fig. No.	Color of Frame	Air Gap Dimension A (Inch)
32A	100 010 685	1	—	—
32B	100 010 693	2	—	—
33A	100 010 701	3	blue	.006
33B	100 010 719	3	white	.003
33C	100 010 727	3	yellow	.010
34A1	100 010 735	4	—	—

32A: Carbon block. Used with the 33A, B, and C Protector Blocks in the number 107 type protectors.

32B: Carbon block. Forms a part of the 1A1C Protector Unit.

33 type: Carbon blocks each mounted in a porcelain frame. See table for color. Used with the 32A Protector Block.

33A: Forms a part of the 107B Protector.

33B: Forms a part of the 107A and C Protectors.

33C: Forms a part of the 107E Protector.

34A1: White porcelain block. Forms a part of the 1A1D Protector Unit.

Intended for protecting cable conductors against lightning and power potentials.

BLOCKS

Terminal

1A1 Type

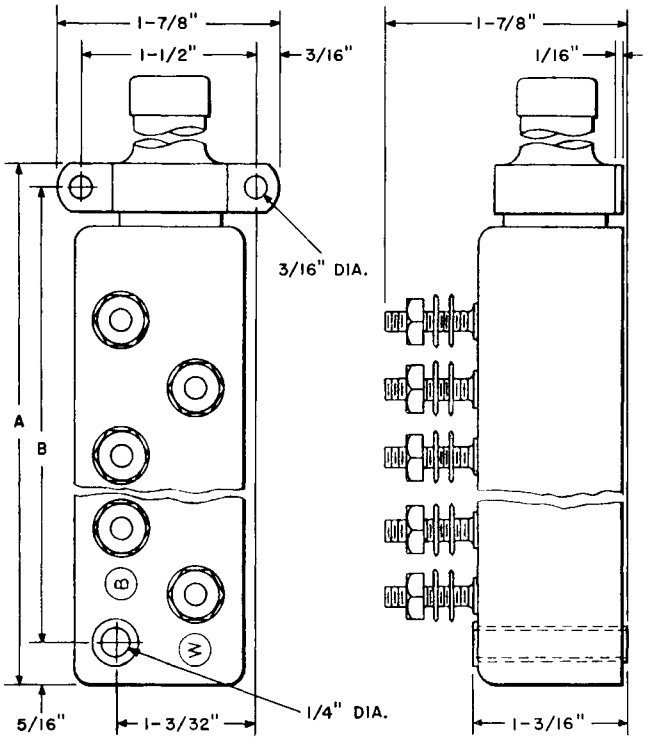


Fig. 1

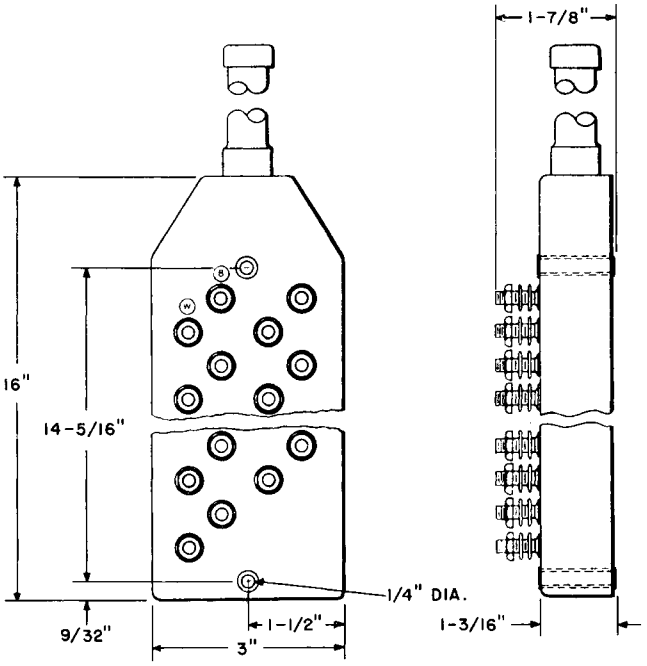


Fig. 2

Gas tight terminal blocks, each consisting of a cast resin block containing binding posts. Equipped with a 12-foot lead covered polyvinyl chloride insulated non-quadded stub cable having number 24 AWG conductors.

Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B
1A1-10	100 010 743	1	11-31/32	11-15/32
1A1-16	100 010 750	1	18-11/32	17-27/32
1A1-25	100 010 768	2	—	—

Arranged for 10, 16, and 25 pairs of conductors, respectively.

Wood screws and washers are provided for mounting.

Used for terminating the control pairs of coaxial cable systems at auxiliary repeater stations.

1A1A-16, 1A1A-25, and 1A1B-25

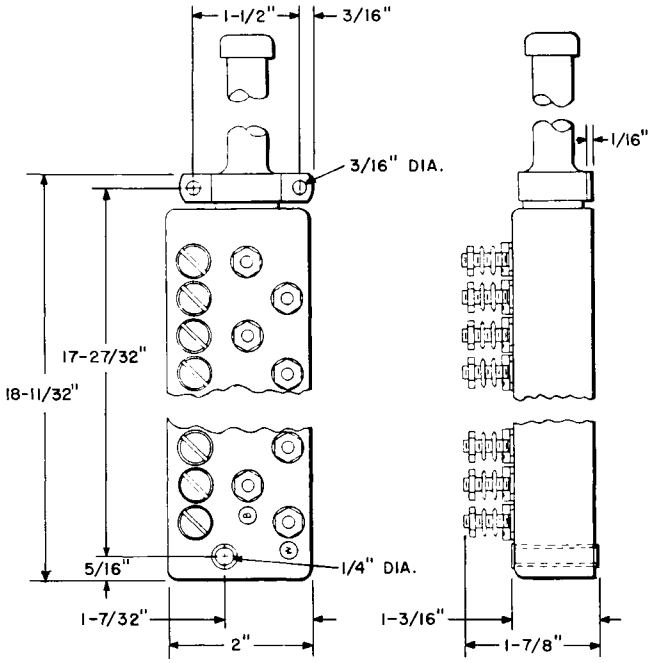


Fig. 1

BLOCKS

Terminal

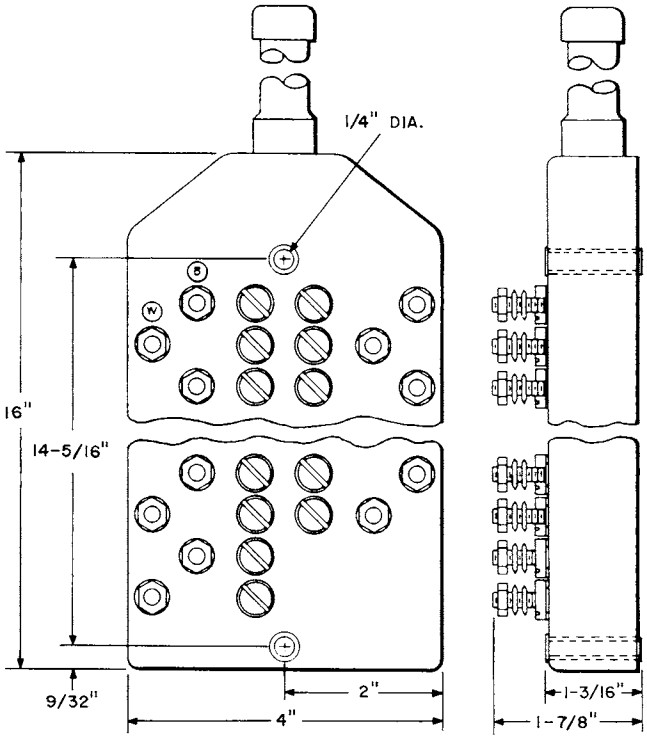


Fig. 2

Gas tight terminal blocks each consisting of a cast resin terminal block containing protector units and binding posts.

Code No.	Comcode	Fig. No.	Contains Protector Units
1A1A-16	100 010 776	1	32 No. 2A1A
1A1A-25	100 010 784	2	50 No. 2A1A
1A1B-25	100 010 818	2	50 No. 2A1B

Arranged for 16, 25, and 25 pairs of conductors, respectively.

1A1A-16 and 1A1A-25: Equipped with a 12-foot lead covered polyvinyl chloride insulated nonquadded stub cable having number 24 AWG conductors. The protectors are grounded to the sheath of the stub cable. Wood screws and a washer are provided for mounting. Intended for terminating the control pairs of coaxial cable systems at auxiliary repeater stations.

1A1B-25: Equipped with a 5-1/2 foot lead covered polyvinyl chloride insulated nonquadded stub cable having number 24 AWG conductors. **Can also be obtained in lengths other than 5-1/2 foot when specified.**

Two 8-32 x 1-7/16 inch long round head machine screws are furnished for mounting.

Intended for use with buried polyethylene insulated cables and is arranged to mount in a KS-16191 Cable Terminal Box which is pole mounted. One or two terminal blocks can be mounted in the box to provide cable protection at the junction of polyethylene and pulp insulated cable.

1A4A Type

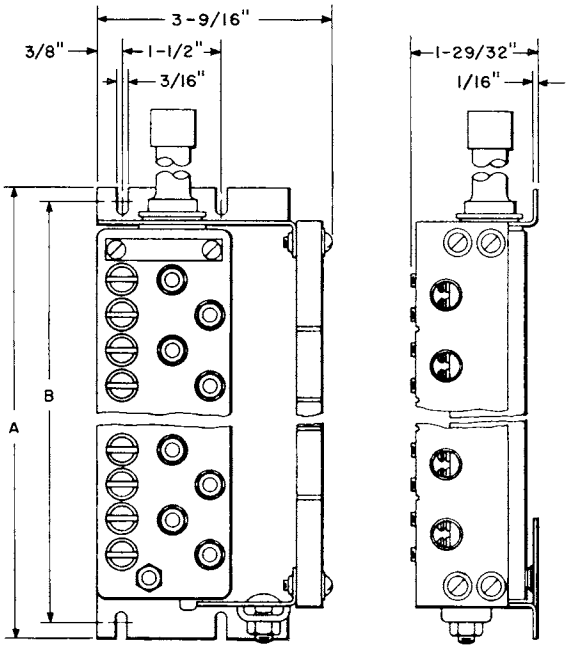


Fig. 1

BLOCKS

Terminal

1A4A Type (Continued)

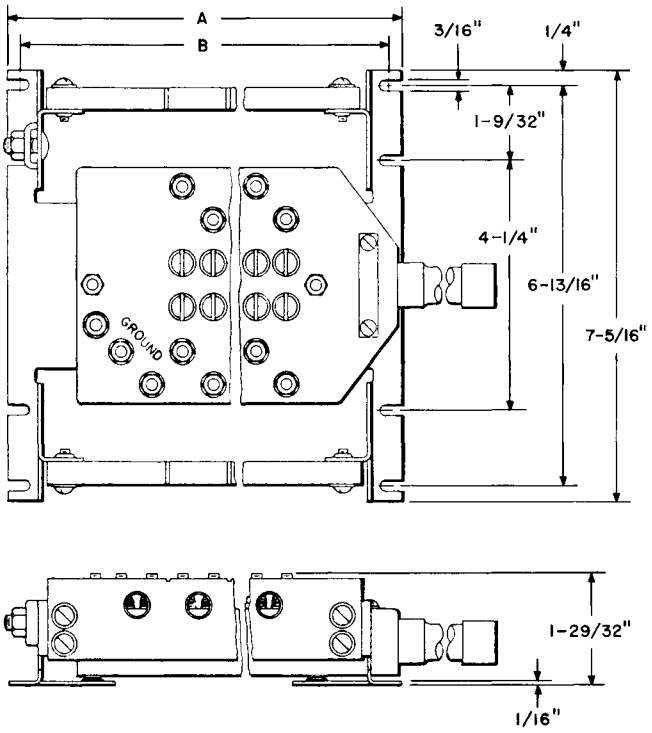


Fig. 2

Gas tight terminal blocks each consisting of a cast resin terminal block containing terminals and protector units assembled to metal mounting brackets. The protector units are grounded to the mounting brackets and to the sheath of the stub cable. Blocks are provided with fanning strips, a clamp for terminating a number 6 AWG ground wire to provide station protector ground, and a removable ground linkage to isolate the cable sheath from station ground where electrolysis conditions exist. Blocks are equipped with a 12-foot lead covered polyvinyl chloride insulated nonquadded stub cable having number 24 AWG conductors. Stub cable is color coded.

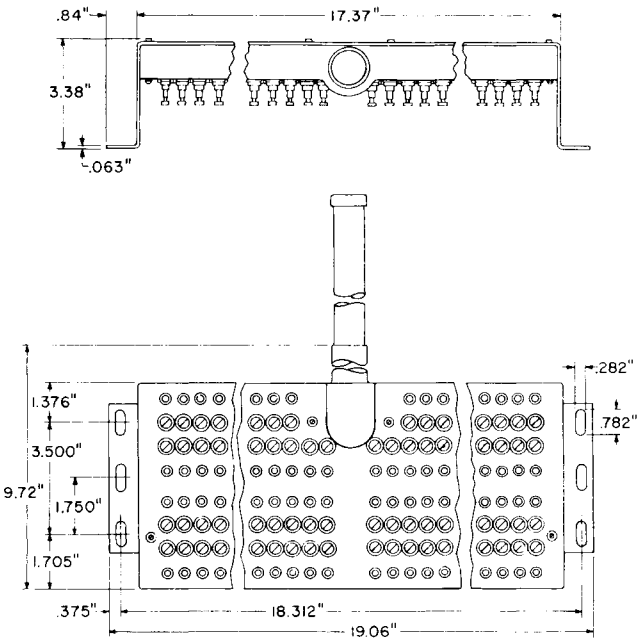
Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B	Contains 2A1A Protector Units
1A4A-10	100 010 859	1	12-3/4	12-5/16	20
1A4A-16	100 010 867	1	19-1/8	18-9/16	32
1A4A-25	100 010 875	1	17-1/4	16-13/16	50
1A4A-50	100 010 883	2	31-1/16	30-5/8	100

1A4A-10, -16, and -25: Intended to be installed in G-type cable terminal boxes or 1A1 Cable Terminal Section. Arranged for 10, 16, and 25 pairs of conductors, respectively.

1A4A-50: Intended to be installed in the H202 Cable Terminal Section. Arranged for 50 pairs of conductors.

Intended for indoor use as fuseless protected building terminal blocks in lieu of fused L-type cable terminals.

1B3A-54, 1B4A-54 and 1B6A-54



Each consists of a molded terminal block containing 108 P18E150 Protector Units which provide 500 volt protection and 108 binding posts which are arranged for soldered connections, assembled to a metal mounting bracket. The protector units are grounded to the sheath of the stub cable. Provided with a stub cable 25 feet long having 54 pairs of number 22 AWG conductors. **Can also be obtained with a 50 foot stub cable when specified in the order.**

Arranged to mount in a KS-14296L5 Cabinet or in a 19 inch bay framework.

Used for terminating N1 Carrier Cable at repeater points.

1B3A-54: A stub cable having a polyvinyl chloride jacket over aluminum. It is intended for indoor use only and is not gastight.

Comcode: 100 010 933 E/W 25 Ft Stub
100 010 958 E/W 50 Ft Stub

BLOCKS

Terminal

1B4A-54: A gastight terminal block with a stub cable having a polyethylene jacket over aluminum. It is intended to terminate aerial or underground cable conductors.

Comcode: 100 010 966 E/W 25 Ft Stub
100 010 982 E/W 50 Ft Stub

1B6A-54: A gastight terminal block with a stub cable having a steel armor over alpeth with an outer polyethylene jacket. It is intended to terminate buried cable conductors.

Comcode: 101 055 648 E/W 25 Ft Stub
100 982 321 E/W 50 Ft Stub

2A1 and 2A2 Type

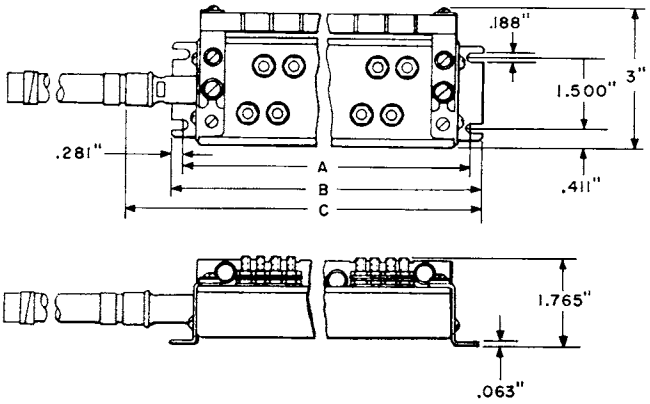


Fig. 1

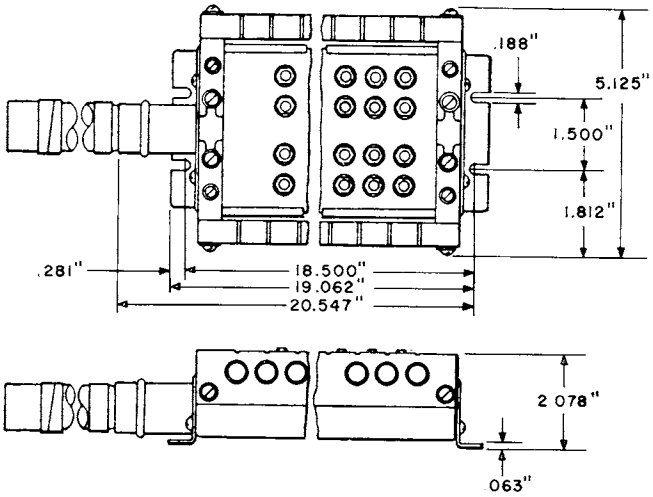


Fig. 2

Each consists of a sheet metal chamber having an insulating panel equipped with binding posts, nuts, and washers. Furnished with a 6-foot, number 24 AWG alpeth sheathed polyvinyl chloride insulated stub cable fully color coded and grounded to the mounting bracket. **May also be obtained with a 12-foot or 25-foot stub cable when specified in the order.** Sheet metal parts have a light olive gray enamel finish except the mounting bracket at the cable stub end.

Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B	C	No. of Pairs of Binding Posts
2A1-11	(a) 100 011 030	1	9.125	9.688	11.109	11
	(b) 100 011 048					
	(c) 100 011 055					
2A1-16	(a) 100 011 063	1	12.250	12.812	14.234	16
	(b) 100 011 071					
	(c) 100 011 089					
2A1-25	(a) 100 011 097	1	18.500	19.062	20.484	25
	(b) 100 011 105					
	(c) 100 011 113					
2A1-50	(a) 100 011 121	1	—	—	—	50
	(b) 100 011 139					
	(c) 100 011 147					

(a) E/W 6 Ft Stub
(b) E/W 12 Ft Stub
(c) E/W 25 Ft Stub

BLOCKS

Terminal

2A1 and 2A2 Type (Continued)

Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B	C	No. of Pairs of Binding Posts
2A2-11	(a) 100 011 154	2	9.125	9.688	11.109	11
	(b) 100 011 162					
	(c) 100 011 170					
2A2-16	(a) 100 011 188	2	12.250	12.812	14.234	16
	(b) 100 011 196					
	(c) 100 011 204					
2A2-25	(a) 100 011 212	2	18.500	19.062	20.484	25
	(b) 100 011 220					
	(c) 100 011 238					
2A2-50	(a) 100 011 246	2	—	—	—	50
	(b) 100 011 253					
	(c) 100 011 261					

(a) E/W 6 Ft Stub
(b) E/W 12 Ft Stub
(c) E/W 25 Ft Stub

2A1-11, -16, and -25: Each has a top mounted stub cable and is equipped with a fanning strip on one side of the block.

2A1-50: Has a top mounted stub cable and is equipped with fanning strips on both sides of the block.

2A2-11, -16, -25, and -50: Same as 2A1-11, -16, -25 and -50, respectively, except stub cable is bottom mounted.

Intended to mount in G-type cable terminal boxes and 1A1 Cable Terminal Sections. For terminating either paper insulated or plastic insulated conductor cables in buildings where the ready access principle is used.

2A1-11, 2A1-16, 2A1-25, and 2A1-50 replace G11 and G11A, G16 and G16A, G26, and G51 Binding Posts Chambers, respectively, for top stub cable installation.

2A2-11, 2A2-16, 2A2-25, and 2A2-50 replace G11 and G11A, G16 and G16A, G26, and G51 Binding Post Chambers, respectively, for bottom stub cable installation.

2B1 and 2B2 Type

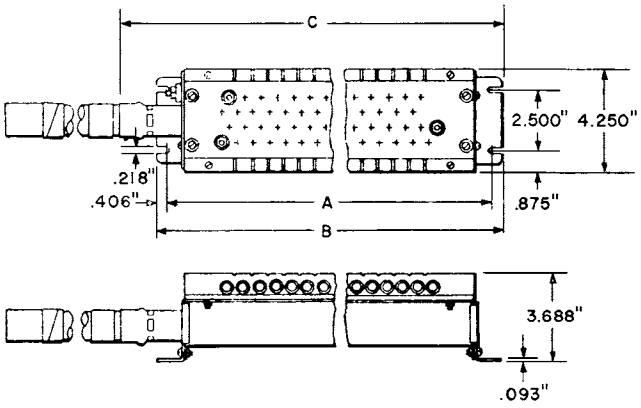


Fig. 1

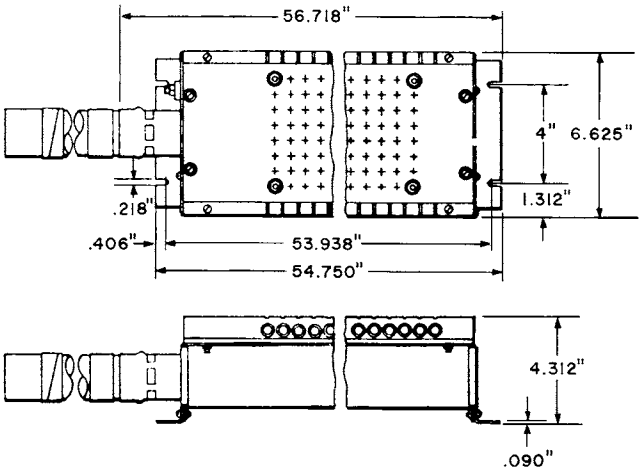


Fig. 2

BLOCKS

Terminal

Each consists of a sheet metal chamber having an insulating panel equipped with binding posts, nuts, and washers. Furnished with a 12-foot, number 24 AWG alpeth sheathed polyvinyl chloride insulated stub cable fully color coded and grounded to the mounting brackets which are equipped with a ground clamp. **May also be obtained with a 25-foot stub cable when specified in the order.** Equipped with fanning strips on both sides. Sheet metal parts have a light olive gray enamel finish except the mounting bracket at the cable stub end.

Code No.	Comcode	Fig. No.	Dimensions (Inches) A	B	C	No. of Pairs of Binding Posts
2B1-75	(a) 100 011 303 (b) 100 011 311	1	28.000	28.812	30.484	75
2B1-100	(a) 100 011 329 (b) 100 011 337	1	36.125	36.937	38.609	100
2B1-300	(a) 100 011 345 (b) 100 011 352	2	53.938	54.750	56.718	300
2B2-75	(a) 100 011 360 (b) 100 011 378	1	28.000	28.812	30.484	75
2B2-100	(a) 100 011 386 (b) 100 011 394	1	36.125	36.937	38.609	100
2B2-300	(a) 100 011 402 (b) 100 011 410	2	53.938	54.750	56.718	300

(a) E/W 12 Ft Stub
(b) E/W 25 Ft Stub

2B1-75, -100, and -300: Each has a top mounted stub cable.

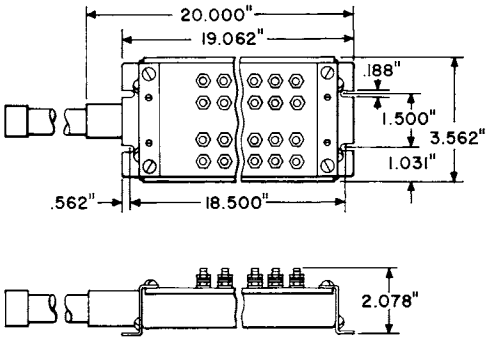
2B2-75, -100, and -300: Same as 2B1-75, -100, and -300, respectively, except stub cable is bottom mounted.

Arranged to mount in H- or K-type cable terminal sections. For terminating either paper insulated or plastic insulated conductor cables in buildings where the ready access principle is used.

BLOCKS

Terminal

2C1-50



Consists of a sheet metal chamber having an insulating panel equipped with 100 binding posts.

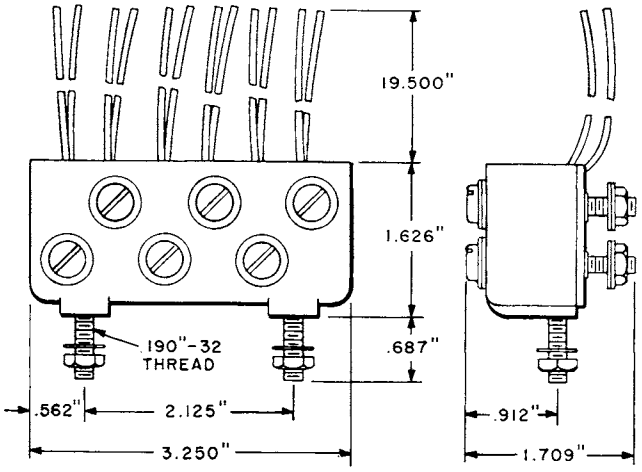
Furnished with a gastight six-foot, number 24 AWG lead sheathed, polyvinyl chloride insulated stub cable fully color coded. **May also be obtained with a 12-foot or 25-foot stub when specified in the order.**

Arranged to mount in the 53A3-50 Cable Terminal.

Used as a pole and wall distribution panel. May also be used in place of the G51B Binding Post Chamber.

Comcode: 100 011 428 **E/W 6 Ft Stub**
100 011 436 **E/W 12 Ft Stub**
100 011 444 **E/W 25 Ft Stub**

3A1A-3



Consists of a cast resin terminal block equipped with six leads, three pairs of binding posts, and six 2A1A Protector Units. Provides facilities for protecting three stations and terminating service wire.

For use in buried distribution cable closures.
Comcode: 100 011 469

3A2B-3

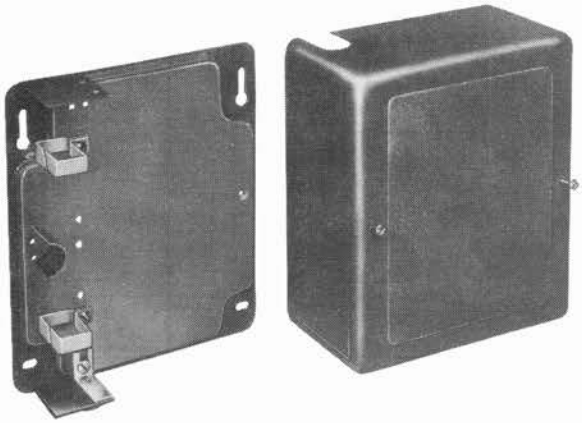
The configuration and dimensions of these terminal blocks are the same as 3A1A-3. It consists of a cast resin terminal block containing 3 pairs of binding posts and six 2A1B Protector Units. It is provided with number 24 AWG polyvinyl chloride insulated wire leads which are connected internally to the binding posts. Two leads are connected to each binding post. The protector units are grounded to the mounting studs.

Provides facilities for protecting up to 3 cable pairs and for terminating drop or service wires. Used in ready access terminals at location close enough to the junction of polyethylene insulated cable and paper insulated cable where protection for the paper insulated cable is required.
Comcode: 100 011 477

BOXES

Apparatus

105BW and CW



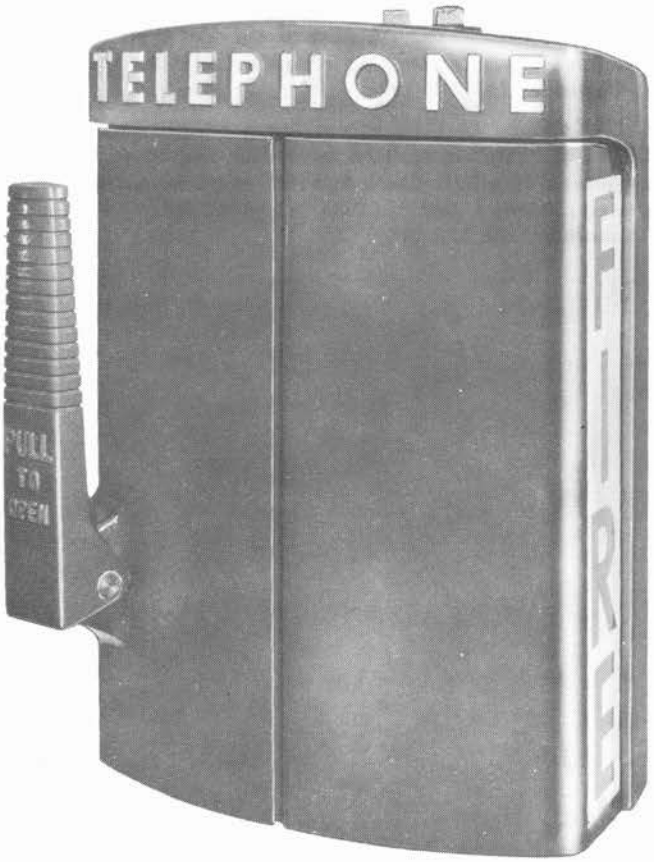
105BW: Metal box having an olive gray finish. Overall dimensions are 7.38 inches high by 6.88 inches wide by 3.38 inches deep. Two cable rings and two escutcheons are furnished. Intended to have key telephone units in the 1A1 Key Telephone System.

Comcode: 100 012 368

105CW: Same as 105BW except cover is plastic and overall dimensions are 7.47 inches high by 6.91 inches wide by 3.48 inches deep.

Comcode: 101 249 852

111 Type



111B: Consists of a red enameled metal housing equipped with a self-closing door with unexposed hinges and cover. The door and cover are red enameled and form the front and side of the housing. The word "Fire" in large letters appears on the door and cover. The box is provided with two 0.500 inch pipe tap holes on the top and two on the bottom for conduit connections and is arranged to mount a number 8 type apparatus unit **which is not furnished and must be ordered separately.** The overall dimensions are 16.875 inches high by 12 inches wide by 7 inches deep. Arranged to mount on buildings, fences, poles, etc., by means of a 29C Bracket **which is not furnished and must be ordered separately.**

Comcode: 100 012 392

111C: Same as the 111B Apparatus Box except handle is provided with a cam to assist in opening the door if it is held closed due to freezing. Forms a part of the number 570 type telephone sets.

Comcode: 100 012 400

BOXES

Apparatus

111 Type (Continued)

111D: Same as 111C Apparatus Box except color is yellow and the word "Fire" is omitted and it mounts by a 29E Bracket. Forms a part of the 570 type telephone set for highway emergency reporting service.
Comcode: 101 278 190

111E: Same as 111C except has a yellow housing and the word "Fire" is omitted from door and cover. Mounts by means of a 29E Bracket, **which must be ordered separately.** Forms a part of 570J4 Telephone Set.
Comcode: 101 390 771

115A1 and 115B1

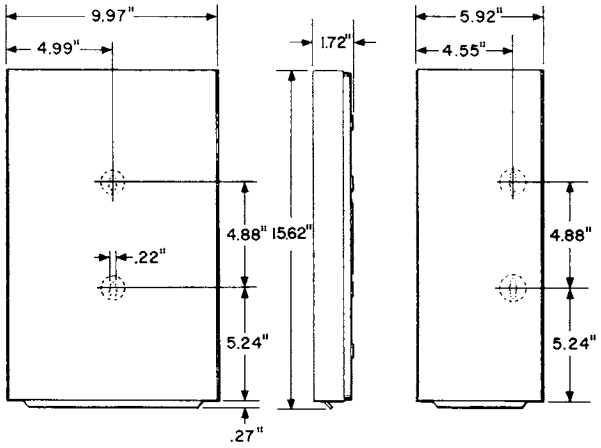


Fig. 1

Fig. 2

Each consists of a gray metal housing equipped with a distributing ring and having a light olive gray snap-on cover. The cover is reversible so as to permit opening from either the top or bottom of the housing.

115A1: Arranged to contain one 66B type connecting block. Screws for mounting connecting block furnished. See Fig. 2.
Comcode: 100 012 442

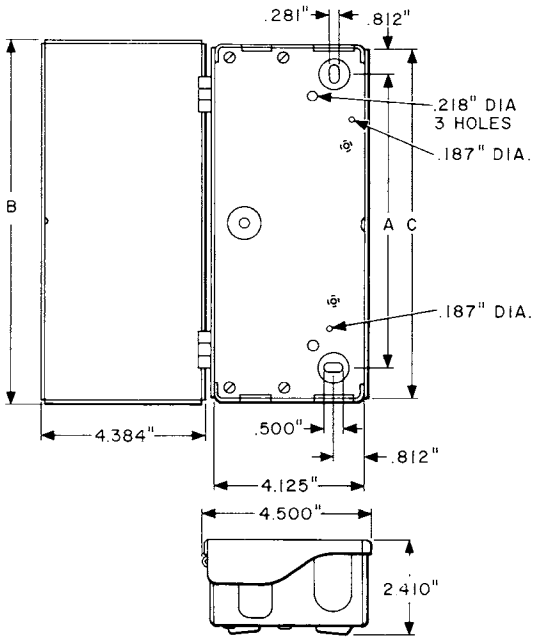
115B1: Arranged to contain two 66B type connecting blocks. See Fig. 1.
Comcode: 100 012 459

For use as bridging facilities in station switching systems such as 1A1, 1A2, and 6A Key Telephone Systems.

BOXES

Cable Terminal

GA Type



COVER CLOSED

A sheet metal box with a hinged cover, having a light olive gray enamel finish. Provided with knockouts in each end for cable and wire entrance. Also provided with one 8A Distributing Ring and screws for mounting terminal block or adapter and the distributing ring.

A P-17E201 Closure for closing a wire hole can be obtained when specified on the order.

Used for indoor installation.

GA11: Arranged for housing a 2A1-11 or a 2A2-11 Terminal Block or a 102B Adapter.
Comcode: 100 012 574

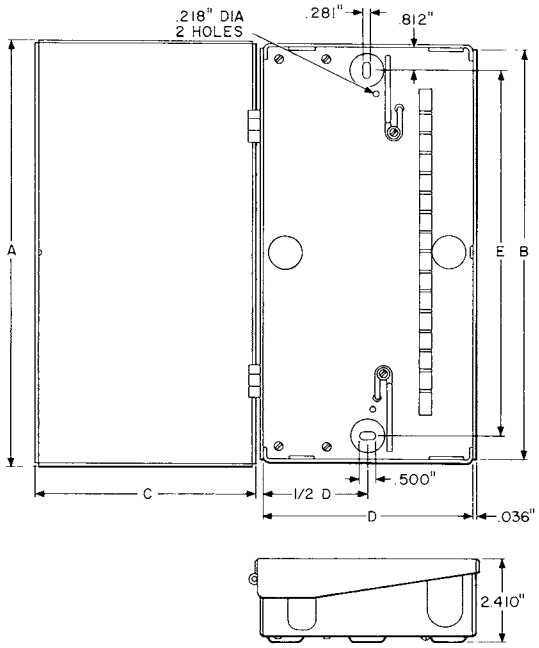
GA16: Arranged for housing a 2A1-16 or a 2A2-16 Terminal Block or 102C Adapter.
Comcode: 100 012 590

GA16A: Arranged for housing a 2A1-16 or a 2A2-16 Terminal Block.
Comcode: 100 012 608

GA26: Arranged for housing a 2A1-25 or a 2A2-25 Terminal Block or a 102D Adapter.
Comcode: 100 012 616

Code No.	Dimensions (Inches) A	B	C
GA11	8.251	10.134	9.875
GA16	11.376	13.259	13.000
GA16A	11.376	13.259	13.000
GA26	17.626	19.509	19.250

GB Type



COVER CLOSED

A sheet metal box with a hinged cover, having a light olive gray enamel finish. Provided with knockouts in both ends for cable and wire entrance. Also provided with a fanning strip and two 8A Distributing Rings. Screws are provided for mounting a terminal block or an adapter.

A P-17E201 Closure for closing a wire hole can be obtained when specified on the order.

These boxes provide more flexible wiring arrangement than the GA type boxes.

GB11: Arranged for housing a 2A1-11 or a 2A2-11 Terminal Block or a 102B Adapter.
Comcode: 100 012 624

GB16: Arranged for housing a 2A1-16 or a 2A2-16 Terminal Block or a 102C Adapter.
Comcode: 100 012 632

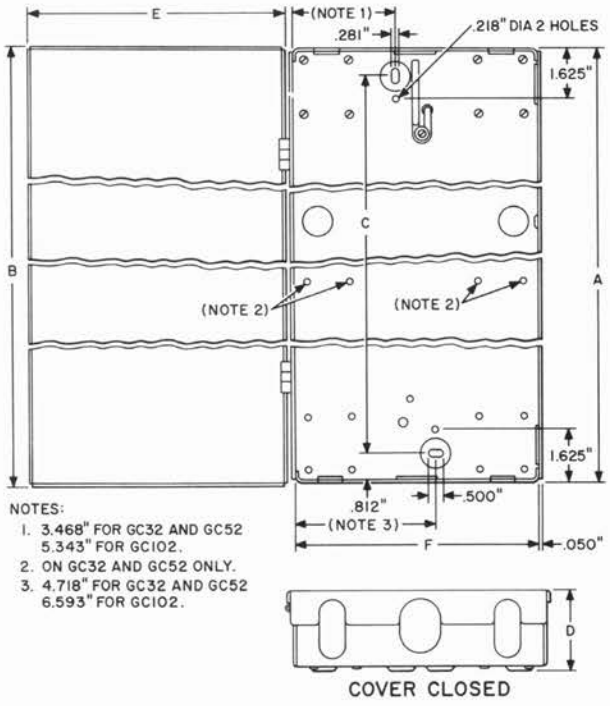
GB26: Arranged for housing a 2A1-25 or a 2A2-25 Terminal Block or a 102D Adapter.
Comcode: 100 012 640

Code No.	Dimensions (Inches) A	B	C	D	E
GB11	10.134	9.875	6.759	6.500	8.251
GB16	13.259	13.000	6.759	6.500	11.375
GB26	19.509	19.250	7.259	7.000	17.626

BOXES

Cable Terminal

GC Type



A sheet metal box with a hinged cover, having a light olive gray enamel finish. Provided with knockouts in each end for cable entrance and in each end and one side for wire entrance. Also provided with one 8A Distributing Ring. Screws are provided for mounting terminal block or adapters.

A P-17E101 Closure for closing a wire hole can be obtained when specified on the order.

GC32: Arranged for housing two 2A1-11, 2A2-11, 2A1-16, or 2A2-16 Terminal Blocks or two 102B or C Adapters.
Comcode: 100 012 657

GC52: Arranged for housing two 2A1-16, 2A2-16, 2A1-25, or 2A2-25 Terminal Blocks or two 102C or D Adapters.
Comcode: 100 012 665

GC102: Arranged for housing two 2A1-25, 2A2-25, 2A1-50, or 2A2-50 Terminal Blocks or two 102D Adapters.
Comcode: 100 012 673

	Dimensions (Inches)					
Code No.	A	B	C	D	E	F
GC32	14.750	15.037	13.125	2.437	8.475	8.187
GC52	21.000	21.287	19.376	2.474	8.475	8.187
GC102	21.000	21.287	19.376	2.450	12.250	11.937

Terminal Wall

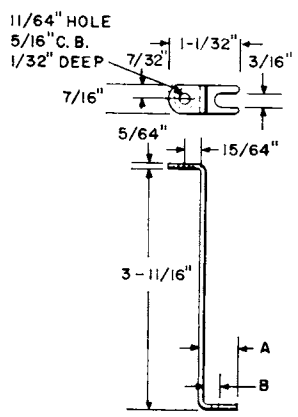
ED69391-50, Group 1 and NP

A terminal wall box of fiberglass reinforced polyester resin with a light olive gray wrinkle enamel finish. The overall dimensions are 29.844 inches long by 12.062 inches wide by 4.266 inches high.

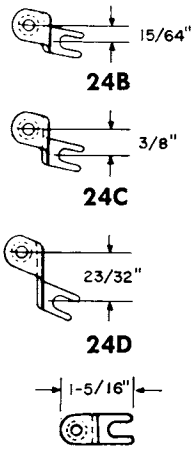
Arranged to mount one terminal strip of a 26A Apparatus Mounting.
Comcode: 600 016 299

BRACKETS

24 Type



24A



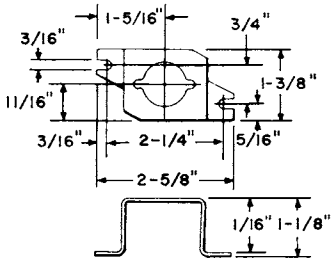
24E

Code No.	Comcode	Dimensions (Inches) A	B
24A	100 013 366	37/64	1/4
24B	100 013 374	37/64	1/4
24C	100 013 382	37/64	1/4
24D	100 013 390	37/64	1/4
24E	100 013 408	55/64	17/32

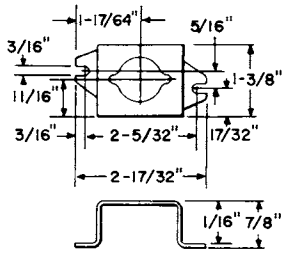
24A, B, C, and D: Metal brackets intended to mount stud mounted capacitors (3-1/2 inches or less in height) having mounting centers located off center. **Two brackets are required to mount one capacitor.**

24E: Metal bracket intended to mount number 182 type inductors. **Two brackets are required to mount one inductor.**

25 Type



25A

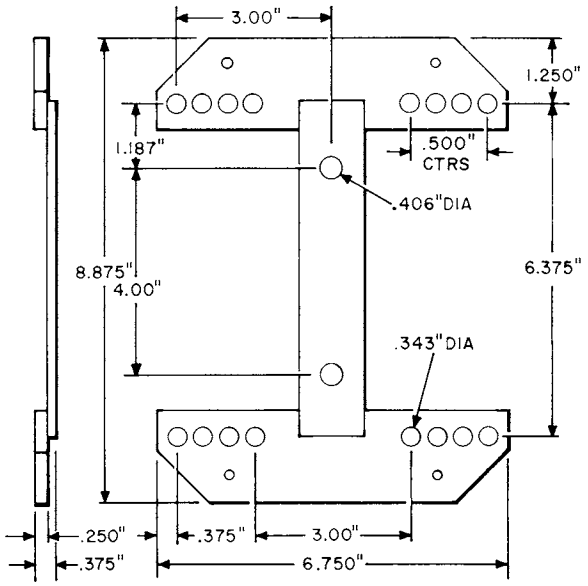


25B

Metal brackets intended to mount stud mounted capacitors in place of lug mounted capacitors where mounting plates are drilled for capacitors having the mounting lugs located off center, 3/8-inch for 25A and 5/32-inch for 25B.

Comcode: 100 013 416 and 100 013 424, respectively.

29C and E



29C: A metal mounting intended for use in mounting telephone sets on buildings, fences, poles, etc.

Screws and lock washers for mounting telephone set to bracket are furnished.

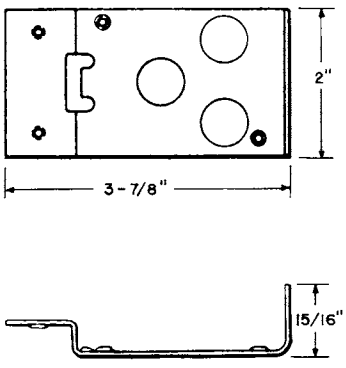
Intended for use in mounting number 570 type telephone sets.

Comcode: 100 013 515

29E: Same as 29C Bracket except has a yellow finish.

Comcode: 101 278 208

36A

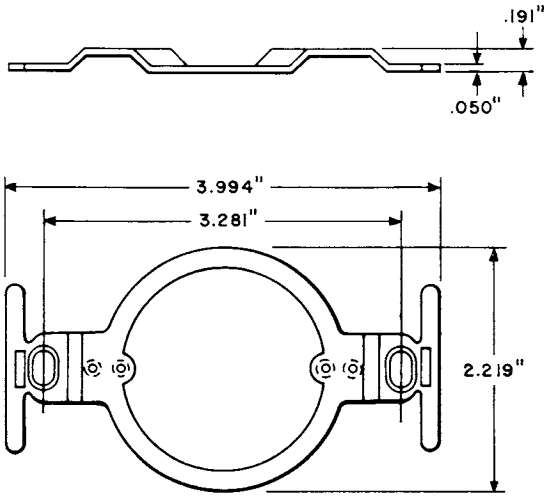


Metal bracket for mounting number 7 type buzzer and a 152A Capacitor. Mounting screws and two leads for connecting buzzers are furnished.

Comcode: 100 013 580

BRACKETS

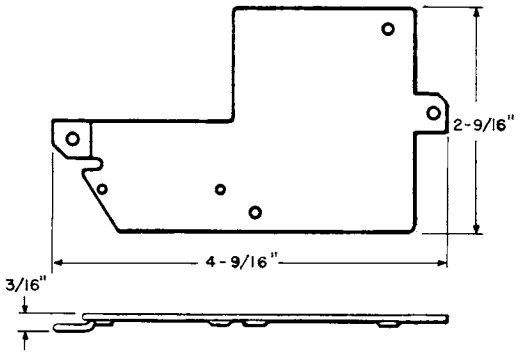
43B



Metal bracket arranged to mount a 47C or D type connecting block or a 108A type apparatus blank in an electrical outlet box. Provided with mounting screws and screws for mounting a connecting block or jack.

Comcode: 100 013 630

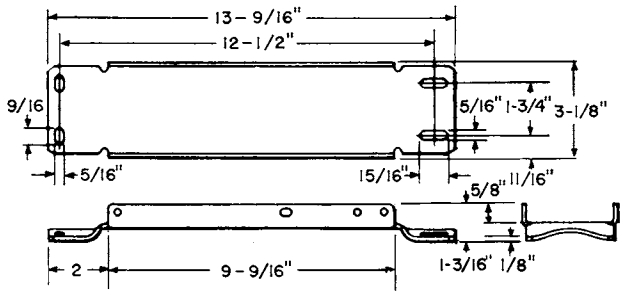
44B



Metal bracket for mounting a number 7 type buzzer and a 152A Capacitor. Mounting screws and two leads for connecting buzzer are furnished.

Comcode: 100 013 648

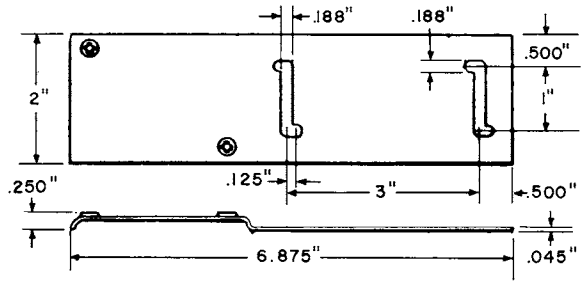
45A



Metal bracket for mounting NC10 and NC16 and NF10 and NF16 Cable Terminals on poles or walls. Arranged for horizontal or vertical mounting on walls.

Comcode: 100 013 655

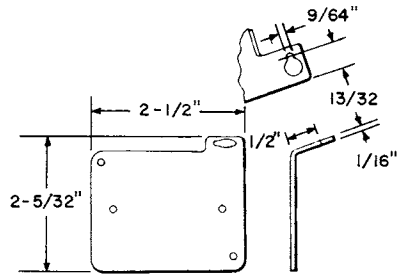
60A



Metal bracket for mounting a number 7 type buzzer on a number 168 type backboard. Mounting screws are furnished.

Comcode: 100 013 804

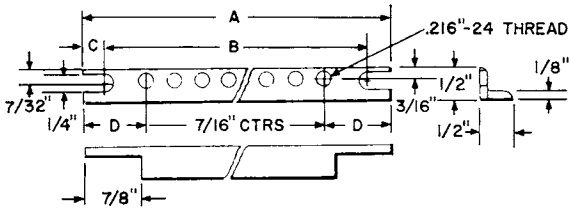
65A



Metal bracket for mounting a number 7 type buzzer or a KS-8109 type buzzer in a 630DW type and similar multibutton type telephone sets. Mounting screws are furnished and also insulated washers are furnished for mounting a KS-8109 type buzzer.

Comcode: 100 013 846

67A and B

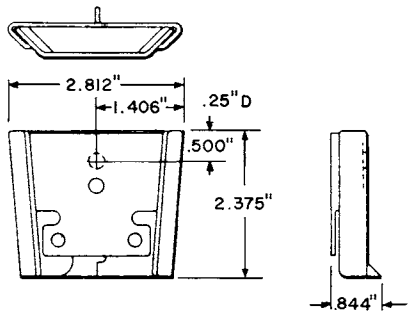


Code No.	Comcode	Dimensions (Inches) A	B	C	D
67A	100 013 853	19	18-5/16	11/32	31/32
67B	100 013 861	23	22-1/4	3/8	1

Metal brackets for mounting 201C and similar type key telephone units on relay racks in the 1A1 Key Telephone System. Mounting screws are furnished.

BRACKETS

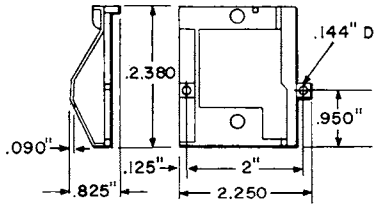
68A



Two-piece metal bracket for mounting 101B Wire Terminal. Intended for pole or crossarm mounting of terminals so that removal and replacement will not interrupt service. Mounting hardware is furnished.

Comcode: 100 013 879

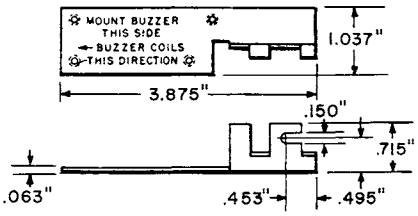
70A



Plastic bracket for mounting KS-8108 type buzzer on a C4A Ringer in 564HLW type telephone sets. Mounting screws are furnished.

Comcode: 100 013 895

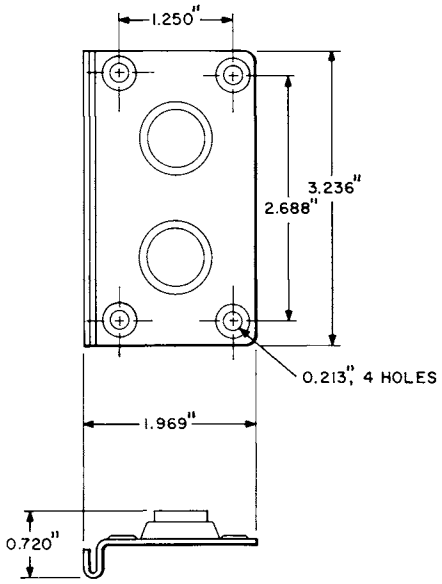
71A



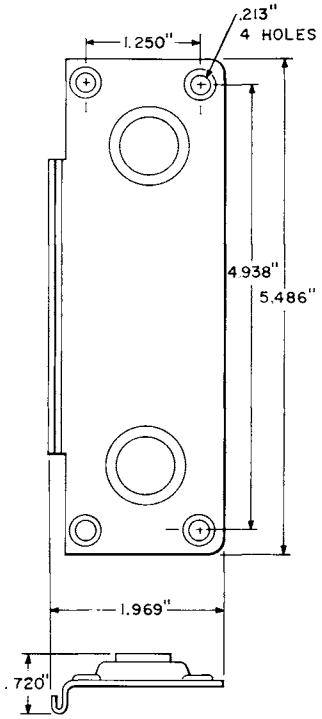
Metal bracket for mounting a number 7AW type buzzer (less housing) or a KS-8109 type buzzer. For use in the number 636, 637, 638, and 639 type telephone sets. Mounting hardware is furnished.

Comcode: 100 013 903

75A, 76A, and 77A



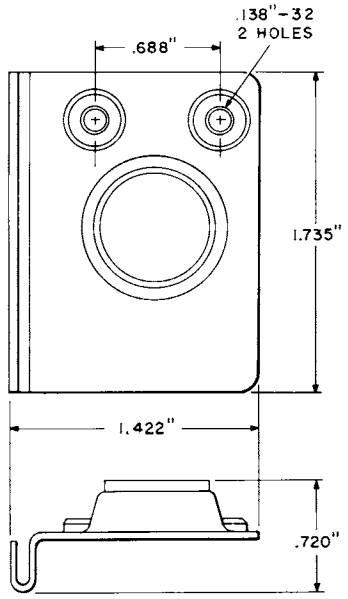
75A



76A

BRACKETS

75A, 76A, and 77A (Continued)

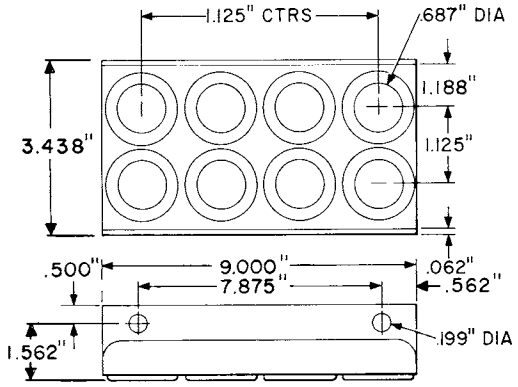


77A

Consist of metal bracket and two friction pads. For mounting number 549 and 551 type keys to the side of number 500 and 1500 type telephone sets. Brackets are attached over the lip of the base of the telephone set and locked in place by the telephone set housing.

75A: For 549A or 549B type keys.
Comcode: 100 013 952
76A: For 549C or 549D type keys.
Comcode: 100 013 960
77A: For 551A type keys.
Comcode: 100 013 978

82A



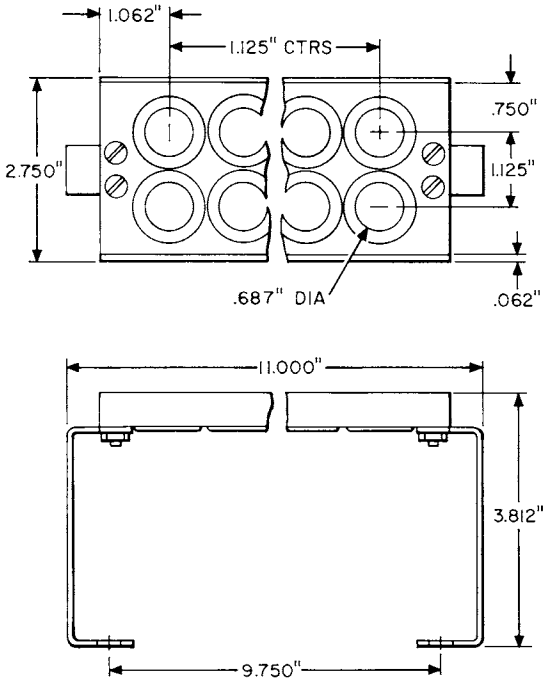
Aluminum brackets equipped with rubber grommets, each of which will accommodate a 25-pair binder group.

Has 16 grommets and will accommodate 200 "Out" cable pairs.

Intended for use in housings to facilitate wiring of PIC cables in dedicated outside plant control and access points.

Used initially in 29C3, 29D3, and 29E3 type cabinets.
Comcode: 100 014 000

83A



An aluminum bracket equipped with 16 rubber grommets, each of which will accommodate a 25-pair binder group. Also equipped with two aluminum mounting supports. Mounting screws and a single pair wire terminal are furnished.

Will accommodate 200 "Out" cable pairs. Bracket hole designations are stamped on marker tape.

Intended for use in housings to facilitate wiring of PIC cables in dedicated outside plant control and access points.

Used initially with an aerial mounted 1B1 Closure.
Comcode: 100 014 018

BRACKETS

87 Type

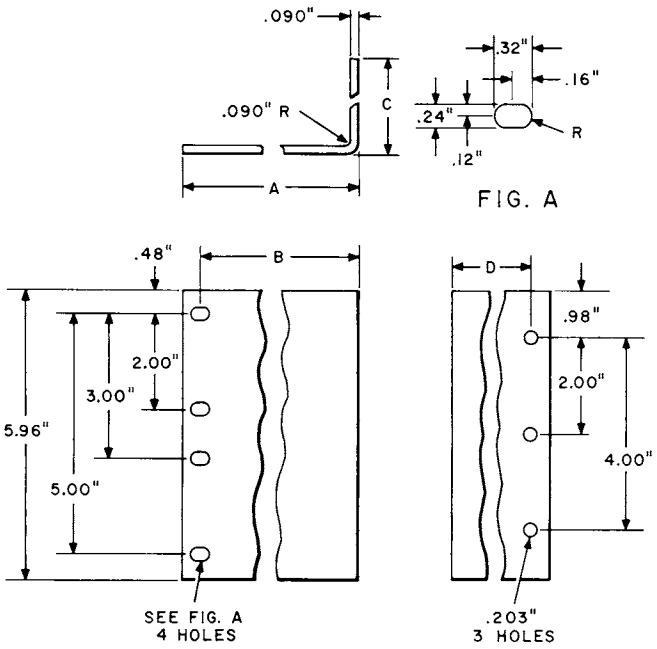


FIG. A

FIG. 1–14

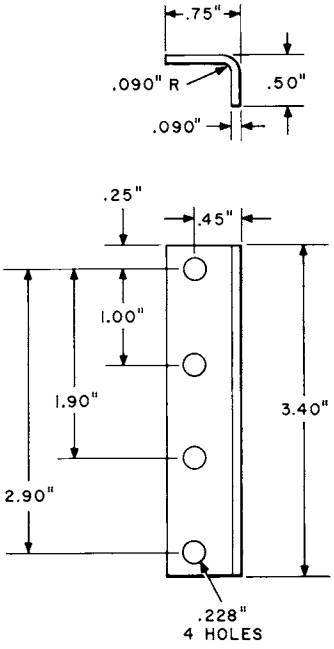


FIG. 15

Consists of two or more steel brackets zinc plated.

Fig. No.	Dim. A	Dim. B	Dim. C	Dim. D
1	1.00	.630	1.80	1.44
2	5.00	4.62	1.80	1.44
3	12.10	11.72	1.80	1.44
4	2.14	1.76	1.80	1.44
5	1.00	.630	2.45	2.09
6	5.00	4.62	2.45	2.09
7	2.14	1.76	2.45	2.09
8	6.96	6.58	2.45	2.09
9	8.10	7.72	2.45	2.09
10	12.10	11.76	2.80	1.44
11	7.00	6.63	1.80	1.44
12	4.14	3.77	1.80	1.44
13	2.55	2.18	1.80	1.44
14	14.10	13.73	1.80	1.44

87A: Consists of one figure 1 and one figure 2 bracket, intended for mounting Data Set 303 or Data Auxiliary Set 809 on 23 inch No. 5 cross-bar type frames or KS-20018 cabinet.
Comcode: 101 203 479

87B: Consists of one figure 1 and one figure 3 bracket, intended for mounting a Data Auxiliary Set 806B type on 23 inch No. 5 cross-bar type frames or KS-20018 cabinet.
Comcode: 101 203 487

87C: Consists of two figure 1 and two figure 15 brackets, intended for mounting a Data Auxiliary Set 806B and a Data Set 404B type adjacent to each other in the same horizontal mounting space on 23 inch No. 5 cross-bar type frames or KS-20018 cabinet.
Comcode: 101 203 495

87D: Consists of one figure 1, one figure 4, and two figure 15 brackets, intended for mounting two Data Auxiliary Sets 806B type adjacent to each other in the same horizontal mounting space on 23 inch No. 5 cross-bar type frames or KS-20018 cabinet.
Comcode: 101 203 503

87E: Consists of one figure 5 and one figure 6 bracket, intended for mounting Data Set 303 or Data Auxiliary Set 809 on 23 inch bulb angle type frames.
Comcode: 101 203 511

87F: Consists of one figure 5 and one figure 10 bracket, for mounting a Data Auxiliary Set 806B type on 23 inch bulb angle type frames.
Comcode: 101 203 529

87G: Consists of two figure 5 and two figure 15 brackets, intended for mounting a Data Auxiliary Set 806B type and Data Set 404B type, adjacent to each other in the same horizontal mounting space, on 23 inch bulb angle type frames.
Comcode: 101 203 537

87H: Consists of one figure 5, one figure 7, and two figure 15 brackets, intended for mounting two Data Auxiliary Sets 806B type, adjacent to each other in the same horizontal mounting space on 23 inch bulb angle type frames.
Comcode: 101 203 545

BRACKETS

87 Type (Continued)

87J: Consists of two figure 5 brackets, intended for mounting Data Set 303 or Data Auxiliary Set 809 on 19 inch bulb angle type frames.
Comcode: 101 203 552

87K: Consists of one figure 5 and one figure 9 bracket, intended for mounting a Data Auxiliary Set 806B type on 19 inch bulb angle type frames.
Comcode: 101 203 560

87L: Consists of one figure 5 and one figure 8 bracket, intended for mounting a Data Set 404B type on 19 inch bulb angle type frames.
Comcode: 101 203 578

87M: Consists of one figure 1 and one figure 11 bracket, intended for mounting Data Set 303 or Data Auxiliary Set 809 on 25 inch mounting plate space in a KS-20093 cabinet.
Comcode: 101 203 586

87N: Consists of one figure 1 and one figure 14 bracket, intended for mounting Data Set 303 or Data Auxiliary Set 809 on 25 inch mounting plate space in a KS-20093 cabinet.
Comcode: 101 203 594

87P: Consists of one figure 1, one figure 13, and two figure 15 brackets, intended for mounting a Data Auxiliary Set 806B type and a Data Set 404B type, adjacent to each other in the same horizontal mounting space, on 25 inch mounting plate space in KS-20093 cabinets.
Comcode: 101 203 602

87R: Consists of one figure 1, one figure 12, and two figure 15 brackets, intended for mounting two Data Auxiliary Sets 806B type, adjacent to each other in the same horizontal mounting space, on 25 inch mounting plate space in KS-20093 cabinets.
Comcode: 101 203 610

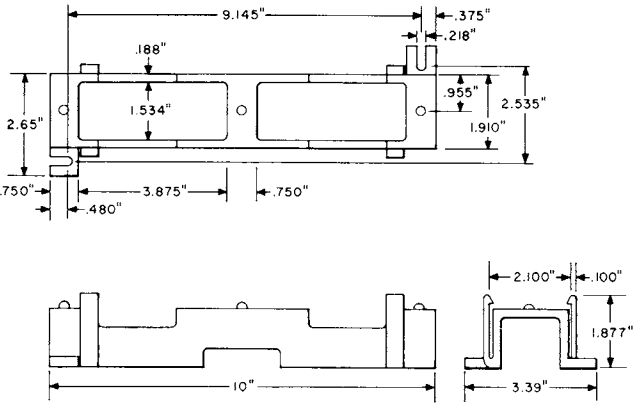
87S: Consists of two figure 1 brackets, intended for mounting Data Auxiliary Set 806B type in KS-20018L6 cabinets or Data Set 303 type in KS-20018L5 cabinets.
Comcode: 101 429 728

Brackets 87A, B, E, F, J, K, L, M, and N are provided with six P-147379 screws for mounting the brackets to the sets and the sets to the frames or cabinets.

Brackets 87C, D, G, H, P, and R are provided with 14 P-181933 and six P-147379 screws for mounting the brackets to the sets and the sets to the frames or cabinet and mounting the two sets together.

Bracket 87S is provided with six P-181933 and six P-174379 screws for mounting the bracket to the set and the sets to the cabinets.

89B



Consists of a molded plastic "stand-off" bracket for mounting 66M type connecting blocks away from flat surfaces so that cables can be stored behind the connecting block. This cable space accommodates three layers of four 25 pair inside wiring cable. The bracket is attached to a wall by means of mounting lugs having slotted holes to accommodate screws or bolts. The connecting block is attached to the bracket by means of a molded in "snap-on" arm.
Comcode: 101 334 167