NORTH ELECTRTC MFG. COMPANY Wumbering Scheme for Prints

All drawings and information sheets are designated by six symbols, consisting of a two letter prefix and a four figure number.

These drawing numbers, in general, follow a schome which indicates type and features of the particular sheet.

1) The type of drawing or information sheet is indicated by the second letter of the prefix as follows:
(A) Assambly Drawing
(c) - Schematic Circuit Diagrams
(D) - Detail Drawing
(I) - Field Inspection Sheet (Bell System only)
(L) - Stock Lists
(M) - Material Lists (For other than Boll System oniy)
(0) - Method of Operation
(A) - Relay Adjustment (Bell System only, obsolete)
(S) - Illustration Sketches
(W) - Wiring Dlagramg
2) The firgt latter of the prefix only, indicates a group of 1000 draw ings, "A" being used for the first group, "B" for the second, and so on, so that "En would indicate the fifth group.
3) The first ifgure of the number indicates the dumensions of the drewing when the second letter of the prefix is "A", "C", "S", or wwi as follows:

| 1000 | $8^{m \times 5}$ | 6000 | $22^{\text {m }} \times 34^{\text {m }}$ |
| :---: | :---: | :---: | :---: |
| 2000 | $8 \frac{1}{2} \times 11{ }^{\prime \prime}$ | 7000 | $34^{\prime \prime} \times 44^{\prime \prime}$ |
| 3000 | $11^{\prime \prime} \times 22^{\prime \prime}$ | 8000 | No specifiod dimensions |
| 4000 | $8 \frac{1}{3} \times 11^{11}$ | 9000 | Used for Stock lists |
| 5000 | 1717 $\times 22^{\text {m }}$ |  | (No associated "kA" drawing) |

4) The remaining three figures are assigned in sequence as the drawings are issued.

All Schamatic Circuits, Method of Operation, Field Inspection Sheets and Material Iists for a particular circuit have the same first prefix latter and four digit number with the second prefix letter indicating the type of drawing as listed in (1) above.

Assembly Drawings and their associated Stock Lists have the sane numbers with "A" or "L" for a second prefix letter, respectively.

Wiring Diagrams, because of the size, and Stock Lists in the 9000 series do not have numbers which are associated with related equipment. Stock Lists (BJ) are the only drawings using any numbers in the 9000 series at present.

Hand sketches are a.11 prefixed by "SK" and sketches prepared by draftsm non by "SK-A" or "SK-B".

## BEL工 DRAWING NUMBERS

A special series of numbers have been assigned for drawings provided to the Bell System for Circuits, Method of Operation, Field Inspection Sheets and Stock Lists in the 9000 group as followss

```
B-3941 to B-3979
B-47443
B-4861 to B-4876
B-4993 to B-4996
B-8901 to B-8999
C-3901 to C-3999
C-4901 to C-4999
E-3001 to E-3999 M 8500 - T L 8500
BL-9200 to BL-9299
BL-9500 to BL-9599
EL-9000 to ELm9999
```

Dise to vamious reasons, certain drawings in the above groups have never been issued. Thoy are as follows:

| $B-3959$ | $B-4874$ |
| :--- | :--- |
| $B-396 I$ | $B-8950$ |
| $B-3962$ | $C-4920$ |
| $B-3963$ | $C-4925$ |
| $B-3969$ | $E-3027$ |
| $B-3970$ | $E-3050$ to $\mathrm{E}-3999$ |
| $B-3976$ |  |

Prior to November, 1939, Relay Adjustment (BR) Sheets wore used. After this date, they wore replaced with Field Inspection (BI) Shoets and in a few cases, where there was no call for a specific circuit, no "BI" Sheots have been issued for that circuit. "BR" Sheots are no longer available.

Method of Operation and Field Inspection Sheets are not Issued for any circuit which does not include relays, L.0., line test circuit, solf-regulating charger, etc.

Special Hodification Drawings have been issued for certain circuit changes. These drawings are all in the 3000 serles with "Mif prefixes.

## CIRCUIT LIST

## Bell Systom

The Index Sheets list only the schematic circuit number. However, this index covers the Method of Operation and Fiold Inspection Sheets also.

The sheats list the four figure number only. The first letter of the preflx is indicated by the prefix on the page number.

The second letter of the preflx will be "Cl for the Schemetic, "()" for the Method of Operation, and "I" for the Field Inspection Sheet. Where no issue mumber is entered in the appropriate column, this itom has not been issued to date.

August 3, 1945
EBs MM

| Circuit | Fage |
| :---: | :---: |
| BC-394]-BC-3954 | 4B-1 |
| BC-3955-EC-3972 | \#B-2* |
| BC-3973-8C-3979 | / $/$ B-3* |
| BC- $4570-8 C-4875$ | / $18 \mathrm{~B}-4 \times$ |
| BC-4876-BC-4996 | \#B-5 |
| BC-8901 - BC-8909 | * 8 -6\% |
| BC-8910-EC-8917 | 都 -7 |
| BC-8918-8C-8926 | \#B ${ }^{\text {8 }}$ |
| BC-8927-BC-8934 | //8-9 |
| BC-8935- $\mathrm{BC}-8943$ | \#s-10 |
| BC-8944-BC-8950 | \# $\mathrm{B}_{\text {- }}$-12 |
| CC-3901-cc-3911 | NC-1 |
| CC-3912-CC-3922 | HC-2 |
| CC-3923-CC-3933 | HCm 3 \% |
| CC-3934-CC-3946 | $\mathrm{ACO} / 4$ |
| CC-3947-6C-3957 | Mc-5\% |
| CC-3958-CC-3968 | HC-6\% |
| CC-3969-CC-3978 | 40-7 |
| cc-3979-cc-3988 | ${ }_{4} \mathrm{Ca}$ |
| CC-3989-CC-3999 | \#C-9 |

December 27, 1945 Roplaces Page 5-10-45 Whanged in this Issum

| Circuit | Page |
| :---: | ---: |
| $C C-4901-C C-4915$ | $H C-10$ |
| $C C-4916-C C-4925$ | $H C-12$ |
| $E C-3001-E C-3009$ | $H E-1$ |
| $E C-3010-E C-3021$ | $H E-2$ |
| $E C-3022-E C-3031$ | $H E-3$ |
| $E C-3032-$ |  |
|  |  |
| $M R-3001-M R-3014$ | $H M-1$ |
| $M R-3015-M E M-3024$ | $H M-2 \%$ |

## Data <br> March 4, 1943 <br> Fobruaxy 28, 1944

March 4, 1943
Pobruary 28, 1944
Decomber 5, 194,
Fobruary 28, 1944

March 13, 1942
Decomber 27, 1945

## CIRCUTS SCFEMTTC DRAWING, METHOD OF OPERATION

AND ITELD INSPECTION SHEERS
BC-3941 to BC-3979

| Ho. | Tatlo | Curwent Issuo \#. |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Schom. | Descr. | Insp. |
| $\frac{3945}{1}$ | Line-Hnder, Motalic Lines, $6 X-30,60,100$ and 1000 | 6 | 4 | 6 |
| 3942 | Connector, Motallic Kines, 10 Party Divided Code Ringing CX- $-30,60$, and 100 | 9 | 5 | 9 |
| 3943 | Line-Findor, Metallic and Grounded Lines, $\mathrm{CX}-30,60$, and 200 | 7 | 4 | 7 |
| 3944 | Connoctor, Motalise and Grounded Lines. 10 Party Divided Code Ringing $\mathrm{CX}-30,60,100$ | 9 | 5. 4.1 | 9 |
| 3945 | Comoctor, Metalle ILnes, 20 Party Divided Code Ruging $\mathrm{CX}-30,60,100$, and 1000 | 8 | 3, 41 | 8 |
| 3946 | Connector, Metallic and Grounded Lines 20 Party Code Riaging $\mathrm{CX}-30,60_{2}$ and 200 | 10 | 5, A2 | 20 |
| 3947 | Selector for Metailic Lines, Cx-1000 | 4 | 4 | 4 |
| 3948 | JinemFinder, Metallic Lines, Cx-200 Eroadspan | ? | 3 | 7 |
| 3949 | Connector, Hetallic Lines, 10 Party Code Ruging Cx-200 Broadsuen | 9 | 4 | 9 |
| 3950 | Inowinder, Motallic and Grounded Linee CX-200 Broadspan | 6 | 3, A2 | 6 |
| 3951 | Connoctor, Metallic and Grounded Lines, 10 Party Divided Code Ringing Cx-200 Broadspan | 5 | 4 |  |
| 3952 | Comector, Metallic Lines, 20 Party Divided Codo Ringing Cx-200 Brosdspan | 9 | 4, A1 | 9 |
| 3953 | Connoctor, Motallic axd Grounded Lines, 20 Party Dividad Coco Ringing CX-20 Broedspan | 7 | 5, A\% | 7 |
| 3954 | Two-Nay Trunk to Manual Offico $\pm$ rom Comnector Multtple with Loog Dielling, Roverse Bettary Supervision and Ropeat Conl Bridge | 5 | 2 | 5 |
| Harch 4, 2913 |  |  |  |  |
| Roplas | es Pago 3-13-42 |  |  |  |


| Ho. | 2xtlo | Schom, | Descr: | Ingp. |
| :---: | :---: | :---: | :---: | :---: |
| 3955 | Poot Payitstion Line Circuit without Coin Return for All-Relay Exchange with Type 150-U or 163-A Coin Collector | 9 | 5, A1 | 9 |
| 3956 | Alasm Checking Circuit | 9 | 5, A1 | 9A\% |
| 3957 | Two-Nay Mrunk to Mamal office from Comnector Multiple with Composite Signalling and Dialling | 8 | 4 | 8 |
| 3958 | Two-Way Trunit to Manual Office from Selector淔ittplo with Composito Slgnalling and Dialling | 2 | 1 |  |
| 3959 | (closed, Hever Issued) |  |  |  |
| 3960 | Two-Way Trunk to Manual Office from Salector Multuple with Loop Diailing, Revere Battery Supervision and Ropeat Coll Bridge | 2 | 1 | 2 |
| 3961 | (closed, Nevar Isxued) |  |  |  |
| 3962 | (Closed, Never Isaned) |  |  |  |
| 3963 | (closed, Nover Isaued) |  |  |  |
| 3964 | Two may Trunk to other Automatic offlce from Selector Prultiplo with Ropeat Coll Exidge | 2 | 2 |  |
| 3965 | Ringodown Txunk to Hagneto Central office with no Bettory at Mastor Offsce | 3 | 1 | 3 |
| 3966 | Paystation, Post Pay with Tone to Oporator | 3 | 3 | 3 |
| 3967 | Post Payatation Line Circuit without Coin Rotura for All-Relsy Brehange with Type 750 Coin Collector | 2 | 2 |  |
| 3968 | Two-Way Trunk to other Automatic Office from Connector Mritipla with Ropeat Coil Bridge | 6 | 4 | 6 |
| 397 | Automatic Converter Transfer for two or more Converter Groups for 10 and 20 Code Ringing Intaryupter | 1 | 1 |  |
| 3972 | Automatic to Automatic Trunk to Type 360 Stepm by-step Dial office from Connector Multuple With Ropeat Coil bridge | 2 | 2 |  |

Docomber 27, 1945
Roplacea page $5-10-45$
*Changed in this iswue

| Ho. | Ttio | Schom. | Daser. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3973 | Connector, Metallic Linos, 10 and 20 Party Codo Ringing, Cx-1000, is Digit Systam | 1 | 1 | 1 |
| 3974 | Line-FInder, Hetallic Lines, Cx-200 Broadspan with 200 line link multiple complete in each Unit. | 3 | 1. A2 | 3 |
| 3975 | Connector, Matallic Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Lino Link Multiple Completa in each unit | 3 | 1, A2 | 3 |
| 3977 | Alarm Sigmalling and Alarm Checking Circuit | 9 | 5 | 9A\% |
| 3978 | Two-Way Trunk to Manual Office with Extandod Dalling, from Connector Multriple wi th Loop Dialling, Roverse Battory Superviaion, and Ropeat Coll Bxidge | 2 | 2 | 2 |
| 3979 | Post Paystation INn Clrcuit without Coin Roturn for A11-Ralay Erchange with Typ 150-U or 163-A Coin Collector and with Splash of Dseriminating Tono | 3 | 2, A1 | 3 |

[^0]
# CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATTON AND FIELD INSPECTIOA SMEETS <br> $B C-4570, B C-4677, B C-4743$ <br> $B C-4867$ TO BC-4876, BC-4993 to BC-4. 496 

$\frac{\text { No. }}{4570}$ (Closed, Wever Invued)
4677 Line Test Cireuit ..... 1
4743 Power Circuit ..... 5
4861 Ten Codo Ringing Intorrupter ..... $6 *$4862 Twenty Code Ringing Intormuptor66\% 6\%
4863 All-Rolas maing Circuit ..... 5\%
442* ..... 5*
4864 Buay Tone and Dial Tone Relaye ..... 3 ..... 33
4865 Grounded Line Adapter with Ring-thru Repeat Coil 34866 Automatic Convertes Tranefer for Ten and6*2
Twanty Code Ringing Interruptor
4867 Long Lina Repoator, Code or Famonic Ringing 333
5A1. ..... 64
4868 Automatic Trunk Rotating Selection or PBXTrunk Fhanting2.4869 Oroundod Itin Adapter wi th Nox-ring ThruRepeating Coil and Rolayed Finging
4870 Lino Test circuit for use wth W. E. Cois. ..... 44872 Automatic Convertor Tranefer for ContinuousOperating Converter
4873 Self-Regulating Charger ..... 5
4874 (c1.0sed) ..... 1
3 1, AI ..... 3
4875 Toll Signalling Clrcuit for Converting Ringdown to DC Composito Sigralling and DC Composito to Rlagdown Signelling11
December 27, 1945Replaces $5-10 \mathrm{~m} 25^{\circ}$*Changed in this Issue
18.
4876 Circuit for Rmargency Line Service on Won-Listed Number Basis
4993 Autonatic Trunk Eotating Selection ox FBx gunting Circuit of Single Truak Group with Trunks in two Dieforent Tens Lino aroups
4991 Automatic Tyunk Rotating Seloction or PBX Trumk Finnting with Intermconnoction botween Trunir Groups
4995 Transfer Circut for Two Sets of Busy fone and Dial Tona Relays
4996 Iine Voltage Rogulating Permeability ..... 2 Controlled Charger
March 13, 1942
Eeplaces Bage 12-5041
\%hanged in this Issue

## CIRCUTT SCHOMATTC DRAWING, METHOD OF ORBRATION

## AND FTEID INSPECTION SHERTS

| Mo. | BC. 8901 to BC- | Current Tesue 矢。 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 4tila |  |  |  |
| 8901 | Two-may Tandam Trunk from Connector Mintiplo with Trunks from Distant Automstic Exchange to Manual office over Loop Dial, Reverse Battary Supervision Trunks | 2 | 2, A1 | 2 |
| 8902 |  with Trunks from Mistant Automatic Exchange to Mamal Office over Componito Trunks | 5 | 2 | 5 |
| 8903 | Comnector, Matalise Lines, 10 Party Divided Code Ringing, Cx-200 Brosdepan with Speciad Blocking | 2 | 2 | 2 |
| 8904 | Trunk Circuit for Tandan Operation between one Comon Mamal Trunk Group and threo Automatic Exchange Trunk Groupa | 2\% | 1. Al\% | 2* |
| 8905 | Solector - Matallic Linse - CX-1000 axranged for more thas 10 Trunks in "Om Group | 2 | 1 | 1 |
| 8906 | Twoway Tandom Trunks from Connactor Multiple With Composite Trunks from Diatant Autowatic Exchange and Composite Irwnks to the Manual office | 3 | 1. 42 | 3 |
| 8907 | Tro-may Trunk to Manual Office srom Connector Moltiple with Composito Signalling and Dialling and arranged for Toll Station Operation on a oneway Cut-Thru Basi: | 5 |  | 5 |
| 8908 | Twomay Trunk to Manual Orfice from Connector Multiple with Loop Dial, Reveste Battery Supervision and arranged for Toll Station | 1 | 1 |  |
| 8909 | Two-May Dual Function Tandan Trunk from Connector Multiple with Loop Dial, Reverse Battary Suporm vision trunks from Automatic Exchange and Loop Dial, Heverse Battery Suparvision Trunks to Manual orfice. | 2 | I, AI | 2 |
| Dacemb Repla Whan | $\begin{aligned} & 27,1945 \\ & \text { page } 12-5 \mathrm{~m} 4 \\ & \text { in this Iasue } \end{aligned}$ |  |  |  |


| Ro. | P1t10 | Schom. | Descre. |
| :---: | :---: | :---: | :---: |
| 8910 | Two-Way Dral Function Tandem Trunks from Connector Multiple with Loop Dial, Reverse Battery Supervision Trunks from Distant Autow matic Exchange and Extended Loop Dial, Reverso Battery Supervision Trunks to Hanual ofice |  | Issued |
| 8911 | Connoctor, Metallic Lines, 10 party dividod Code Ringlng, CX-200 Broadapan with Busy Vorification, Cut-Thru Operation on Toll Calls and Special Blocking | 1 | 2 |
| 8912 | Two-way Dual Finction, Local and Toll Gxade Tranemission Trunk rem Connector MuItIple with Loop Dialling, Reverss Battery Supervision and Repeat Coil Bridge | 3 | 1. A2 |
| 8913 | Twomay Dual Function, Local and Tol1 Grado Transmission Tandem Trunks from Connector Multiple with Loop Dialling, Revarge Battexy Supervision Trunks, from Distant Automatic Exchange and Composite Signalling and Dialing Trunks to Mastar Office with Incowing Trunk Connector | 2 | 1 |
| 8914 | Comector, Motallic Lines, 10 Party Divided Code Ringing, CK-200 Broadspan with Busy Verification, Cut-Thru Operation on Toll Calls, and Special Blocking | 2* | 2, A1产 |
| 8915 | Connector, Motalle Lines, 10 Party Divided Code atnging and 4 Party Selective o: 8 Pasty Somi-Solective Superimposed Ringing, CX-200 Broadspan with Bugy Vorification | 1 | 1 |
| 8916 | Four Party Selactive or Elight Party Semi. Selective Superimposed Revertive Cals Connector | 1 | 1 |
| 8917 | Connector, Hetallis and Grounded Lines 20 Party Divided Code Ringing and 4 Parby Selective or 8 Parity Semi-Solective Superimposed Ringing, CX-200 Broadspan with 200 Line Link Multiple Complato in each unit and Busy Verifleation. | 2 | 1, A1 |

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Roplaces Page 2-28-45
*Changed in this Issue

| No, | T1210 | Scham. | Descro | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 8918 | Two-way Trunk to Hanval Office from Connector Maltiple with Composi to Signalling and Dialling and aranged Lor Magnoto Prunk Operation on a Onewey Cut-thre Basis | 4 | 1, A3 | 4 |
| 8919 | Connector, Metallc and Grounded Lines, 20 Pexty Code Ringing, CX-200 Broadspan with 200 Line Link Maltiple Complate in each unit with Buey Verification, Trunk Blocking and Automatic Jink Cutmbrus to Dal Back Trunks | 1 | 2 | 2. |
| 8920 | Connector, Metallic and Grounded Lines, 20 Party Coda Ringing, $\mathrm{CX}-30,60$ and 200 wi th Busy Veriflcation and with Tdentifying Tone on Line Groups 40 and 50 | 2 | 1. AI* | 2* |
| 8921 | Twomay Trunk to Manual office from Comnector Multiple with Loop Dial, Reverse Battery Supervision and arrenged for Magnoto Trunk Operation on A Oncmesy Cutmthru Basts | 2 | 1, A1 | 2 |
| 8922 | Connector, Motallic and Crounded Lines, 20 Party Code Ringing, CX $-30,60$ and 100 wi th Busy Vexisication, Trunk Blocking and Autom matic Cutethru to Dial. Back Trunk | 2 | 1 | 2 |
| 8923 | Comnector, Matallic Lines, 20 Parby Code Ringing, Cx- 100 with Eusy Vexification, Trunk Blocking and Automatic Link Cutmornu to Diel Back Trunks | 1 | 1 | 2 |
| 8924 | Twommay Dual Function Tanden Trunk from Connector Multiple with Loop Dialling, Reverse Battery Supervision Trunks Ironi Distant Autom matic Exchange and Composite Signalling and Dialling Trunks to Manual Orfice | 2 | 1, A1 | 2 |
| 8925 | Twoway Trunit to Manual office from Connector Multiple with Composito Signalling and Dialm IIng and arranged Ior Magneto Trunk Operation on a Onewny Cut-thru Basis, and Code Ringing from Trunk. | 3 | 1, A2 | 3 |
| 8926 | Connector, Mstallic Lines, 10 Party Code Ringe fing, CK-200 Broedspan with Busy Verification, Cutm-thru Operation on Toll Calls and Non-dial Coin Lines in Group 290 | 1 | 1 | 1 |
| March 4, 1943 |  |  |  |  |
| Repla | Prge 3-13-42 |  |  |  |


| NO. | 2itle | Scham. | Descr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 8927 | Connoctor, liotallic Iinos, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification, CutmThu Operation on Toll Calls and Trunk Blocking in Groups 220, 230, and 240 | 2 | 1 | 2 |
| 8928 | Connector, Hetallic and Grounded Llnes, 20 Farky Code Ringing, Cx-200 Broadspan with 200 Line Link Multiple Complets in each unit with Busy Verimcation and Trunk Blocking in Croups 240 and 250 | 2w | 1. AI* | 2* |
| 8929 | Twoway Dual Function Tanden Trunks from Comector lultzple with Loop Dial, Reverse Battory Supervision Trunks from Automatic Exchange and Composito Signaliing and Dialling Tmnks to Hamal Office | 1 | 1 | 2 |
| 8930 | Two ild Dy Dual Function Tandem Trunks from Connoctor Multiple with Composito Signalling and Dialling Trunks from Automatic Erchange and Composito Signalling and Dialing Truaks to Manual ofsice | 1 | 1 | 1 |
| 8932 | Two-way Dual Function Tandora Trunks from Comeotor Maltiple with Loop Dial, Roverse Battery Supervision Trunis Erom Automatic Erchange and Loop Dial Raverse Battery Superm vision Trunks to Manval OsMce | 1 | 1. | 1 |
| 8932 | Twoway Draz Function Tanders Thunks from Conrector Multiple with Composite Signalling and Dialling Trunks from Automatlc Exchange and Loop Dial Reverse Bottery Supervision trunks to Hamal Offics | 1 | 1 | 1 |
| 8933 | Connactor, Hatellic Lines, 10 Party Code Ringing Cx-200 Broadspan with 200 Line Link Multiple Complete in each untt with Special Soll Stations on Lines 237 and 239 with Busy Verification and Trunk Blocking | 1 | 1 | 2 |
| 8934 | Connector, Hetallic Lines, 20 Party Code Ringing, CX-60 \& 100 with Busy Parisicetion and with Identifying Tone on Line Croups 20, 30 and 50 | 1 | 1 | 1 |
| March <br> Rople <br> *Chars | $\begin{aligned} & 3,1942 \\ & 12-5-4 x \\ & \text { in this Issua } \end{aligned}$ |  |  |  |



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| :---: | :---: | :---: | :---: | :---: |
| 8945 | Connoctor, Hotallic and Groundad Linss 20 Party Code Ringing CX-30, 60 \& 100 with Time Limit of Conversation Tone on Dial "9" Trunke in Group 30 | 1 | 2 | 1 |
| 8946 | Connector, Hetalle Lanes, 20 Party Cods Binging Cx-200 Broadessn with Busy Vorificationg Trunk Blocking and Automatic Link Cut-than to Dial Back Trunk | 1 | 1 | 1 |
| 8947 | Comnector, Matallic and crounded Lines 20 Party Codo Kinging cx-200 Broadspan with 200 Line Link Mustipie coxpleto in oach unit, wh th Busy Vorification, Trunk Blocking and Automatic Link Cut-thw to Dial Back trunk | 2 | 1, A1 | 2 |
| 8949 | Two may Dual Function mandom Trunks irom Comector Multiple with Composita Slgnaline and Dalling trunke from Autometic Frchange and Composito Signalling and Dialling Trunks to Mamal oxice | 1 | 1 | 1 |
| 8950 | Twowny Trunk to Hanual Offico from Connector Multiple with Composits Signaling and Dialing and arranged for foll station Operation on a Onewway Basis | 2\% | 1 | 2* |
| * 48951 | Connector, Motaluc Lines, 20 Party Code Rluging Cx-30, 60 \& 100 with Tim Limit of Converation rone on DLal $\mathrm{mgm} \mathrm{Trunk}^{\text {Th}}$ Group 30 | 12* |  | 1** |
| **8952 | Connector, Hotallic Line, 10 Parby Code Ringing, 3 Nigit Daving Cx-30 with Busy Verification and Time Ismit of Conversation Tono on Dial m9 Trunks in Croup 30. | 1** |  | 1** |
| Decema <br> Ropla <br>  <br> *Chan | 27. 1.945 <br> Page 2-28-44 <br> this Issue <br> in this Issue |  |  |  |

## AND FTLLD INSPECMIOA SHEHS

CC-3900 to CC-3999

| Hos | Tat2e |  | $\frac{\text { vascr }}{}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| 3901 | Connector", Metelluc Lines, 10 Party Divided Code Ringing, $C X-30,60$, and 100 with Blocking of Through Free Service Calls | 2 | 2 |  |
| 3902 | Comector, Metalic Ines, 10 Party Divided Code Ringing, CX-200 Broadspen with Blocking of Through Freo Service Calls | 1 | 1 | 2 |
| 3903 | Connector, Hetallic Lines, 10 Party Code Ringing, CX -1000 4 Digit Syatom | 1 | 1 | 1 |
| 3904 | Connector, Metallic Linae, 20 Party Divided Code Ringing, CX -100 with Arrangevent for Blocking Trunk Groups and Line Groups | 2 | 2, AI | 2 |
| 3905 | Twomay Trunk to other Automatic OPEice from Connector Multiple with Composite Signalling and DKalling | 3* | 1,2* | 3. |
| 3906 | Two way Trunk to other Automatic Oesice from Selector Kultiple with Composite Signalling and Dialling | 1 | 1 |  |
| 3907 | Connector, Metallic Lines, 10 Party Divided Cod Ringing, Cx-200 Broadspan with Blocking on Individual wrunk Lines in Connector Group 240 | 2 | 1 |  |
| 3908 | Selector, Hotalijc Lines, Cx-1000 arranced for more than 10 Connectors or 10 Trunks per Group | 1 | 2 | 1 |
| 3909 | LinemFindar, Metallic Lines, Cx-100 and 1000 arranged for 16 Iineminders | 2 | 1, A] | 2 |
| 3910 | Two-Way Trunk to Manual Offico with extended Dialling from Selector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coll Bridge | 2 | 1 |  |
| 3911 | Alam Checking Circuit for CX-1000 | 2 | 1 |  |


| 120. | T140 | Schere. | Deacr: | Tnapo |
| :---: | :---: | :---: | :---: | :---: |
| 3912 | Connector, Metsilic Lines, 10 Parby Code Ringing, CX-200 Broadspan with Buey Verification | 5 | 2, AI | 5 |
| 3923 | Connector, Metallic Linen, 10 Parby Divided Cods Ringing, 3 Digit Dialling, CX- 100 | 3 | 1 |  |
| 3914 | Connector, Watalise Lines, 20 Party Drolded Code Ringing, CX-100 with Blocking of Autom matic free Sorvice Truaks frow Reaching All Other Trunke | 2* | 13 A $2 *$ | 2* |
| 3915 | Alaxn Signeliing and Alarm Chocking Circuit for CX-2000 | 1 | 1 |  |
| 3916 | Connector, Hataljic Linnes, 10 Party DMvided Code Ringing, $\mathrm{CX}-200$ Broadgpan with Gut-thru Operation on Toll Calls | 2* | 1. A2\% | 2\% |
| 3917 | Two wwy Toll Crado Trensmiscion Trunk to Manual orfice from Cut-thsu Comector Malti.ple with Loop Dialling, Hoverse Hettery Supervision, and Ropeat Coll Bxidge | 5 | 13.44 | 5 |
| 3918 | Twoway Toll Grad Tranamission Trunk to Manul office from Cut-thru Connector hultiple with Composit Signalling and Dialliag | 3 | 1, A2 | 3 |
| 3919 | Troomay Trunk with Toll Crade Trensmission to Hamual orfice from Cut-thru Connector Multiple with loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge | 1 | 1 | 2 |
| 3920 | Connector, Hetallic Liness, 10 Party Diwidad Codo Ringing, 3 Digit Dialling, CX-100, with Busy Vorification | 1 | 1 | 1 |
| 3921 | Lino-Finder, Motallic and Grounded Linow CX-200 Broadspan with 200 ISne link maltiple Complete in each unit | 4 | 13, A3 | 4 |
| 3922 | Gonnector, Hetallic and Grouncod Iines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Noultiple Complete in each unit | 3 | 1, 42 | 3 |
| Decen Ropla *Chan | $\begin{aligned} & 27,1945 \\ & \text { Page } 3-4143 \\ & \text { in this Issua } \end{aligned}$ |  |  | , |


| NO- | 21t20 | Schom. | Dascr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3923 | Twomwey Ringeaown Trunk without Toll crade Transmiasion to Magneto Office from Cutmbru Connector Multiple | 4* | 1, A3\% | 4* |
| 3924 | Comector, Mataluic Lines, 10 Party Dividad Codo Ringing, CX $-30,60$, \& 100 with Special To11 Stations on Linea 39 and 37 | 2 | 2, A1 | 2 |
| 3925 | Comnector, Matallic Lines, 10 Party Divided Codi Ringing, CX-30, 60 \& 100 with Blocking for trunk Lines in Connector aroup 30 | 2 | 1, 12 | 2 |
| 3926 | Connectoz, Hotalis and Groundod Lines, 10 Party Dividod Code Ringing - Cxw 200 Broad mpan with 200 Lino Link Multiplo Complote in ach Thit and Blociling for trunk Innes in Comnector Group 230 | 2 | 1, A1 | 2 |
| 3927 | Comnector, Hetaluc Lunes, 10 Party Divided Cod Ruging, Cx 60 , with Blocking on Free Service Trunk aroups | 1 | 1 |  |
| 3928 | Post Pagstation Lin Circust with Splash of Dacximinating Tone to Operator | 2 | 1, A2 | 2 |
| 3929 | Connector, Metallic LAnes, 10 Parby Dividad Codo RLnging, Cx-30, 60 and 100 with Blocking for Lines in Comnactor Group 30 | 1 | 1 |  |
| 3930 | Twomay Tie Lins to Manmal PBK from Connector Maltiple with Special Compoait Signalling and Disiling Equipment | 1 | 1 |  |
| 3931 | Connector, Matallic Linos, 10 Party Codo RJinging, CX-200 Broedapan with 200 Line Link Mrultiple Complete in each Untt with Blocking for Trunk Lines in Comector Group 230 | 2 | 13 A1 | 2 |
| 3932 | Connector, Motalile Lines, 10 Party Divided Codo Runging, Cx-200 Broadspan with Blocking for Trunk Lines in Connector Group 230 | 1 | 1 |  |
| 3933 | TwomTay Truak Srom Connector Multiplo with Composite Stgnalling and Dialling to oithor <br>  | 2 | 1, A1 | 2 |
| Decomb <br> Ropla <br> WChan | $\begin{aligned} & 27,1945 \\ & \text { page } 3-13-42 \end{aligned}$ in this Issue |  |  |  |


| HO. | Title | Schom. | Descr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3934 | Line-Finder, Metallic Innes, Cx-10 | 1 | 1 |  |
| 3935 | Connoctor, Motallic Lines, 10 or 20 Party Divided Code Ringing, CX-10 | 1. | 1 |  |
| 3936 | Connector, Hotalic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking of Automatic Free Service Txunks | 1 | 1 |  |
| 3937 | Lnemindor, Motellic Lines, Cx-m 10 | 2 | 2, A2 |  |
| 3938 | Connector, 4 Digit - Metallic Lines 10 Pasty Divided Code Ringing, $C x-10$ | 1 | 1 |  |
| 3939 | Connector, Motallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Busy Verrfication and Cut-thris Operation on Toll Calls | 1 | 1 | 1 |
| 3940 | Tvo-way Dualdrunction Trunk from Connector Multiple wits Loop Dialling, Reverse Battery Supervision and Ropeat Cosil Brioge | 3 | 1, A2 | 3 |
| 3942 | Connector, Motallic Lines, 10 Parly Code Ringing, CX-60 \& 100 with Special Toll Statione on Iino 56 | 2 | 2, AI | 2 |
| 3942 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, Cx-30 and 60 | 1 | 2 | 1 |
| 3943 | Line-rinder, Hetallic Lines, CX-200 Broadspan axranged for All Link Eusy Signal. | 2* | 1. A1* | 2* |
| 3944 | Connector, Metallic Lines, 20 Party Divided Code Ringing, CX-200 Broadspen with Busy Verification, Cutmbnu Operation on Toll Calls and Special Blocking | 2\% | 2, 42\% | 2\% |
| 3945 | Line-Finder, Metallic Lines, Cx-200 Broadspan arranged for All Links Busy Signal | 2\% | 1, 41\% | 2* |
| 3246 | Connector, Metallic Lines, 10 Party Divided Code Runging, CX-200 Broadspan with Cut-thre Operation on Toll Calls and Tmunk Blocking | 1 | 1 | 1 |

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Roplaces $2-28 \mathrm{~m} / \mathrm{W}$
Whanged in this Issue

| NO. | T2.tle | Scham. | Descr: | Inspo |
| :---: | :---: | :---: | :---: | :---: |
| 3947 | Two-way Trunt to Manual ocelce from Connector Multiple with Trunk Connector, and with Composite Sigmalling and Dialing | 2 | 1, 42 | 2 |
| 3948 | Connector, Hatallic Lines, 20 Party Code Ringing CX-200 Broadspen with Buay Varification | 5 | 1. 4.4 | 5 |
| 3949 | Connector, Metallic Llnes, 10 Paxty Divided Codo RLingiag, CX 60 and 100 with Blocking of Trunk croup 50 \$rom reaching Trunk croups 20 and | 2* | 1. A2\% | 2\% |
| 3950 | trunk Connector, Motallic Lines, 10 Party Divided Code Rixging, CX-200 Broadspan arranged wh th coll Grede Tramanismion, Composit Trunks and Busy Varification | 1 | 1 |  |
| 3951 | Comector, Motallio Ilnes, 10 Party Code Ringing, Cx-30, 60, and 200 with Buxy Verill cation | 3 | 2. A2 | 3 |
| 3952 | Two-way Trunk to other Automatic Office from Connector ${ }^{\text {manitiplo with Composito Signalling }}$ and Diallings and Incoming Call Hoter | 1 | 1 |  |
| 3953 | Two-way Trunts to Manual offlee from Connector Multule with Loop Dialling, Reverse Battary Superviaion, and Ropeat Coll Bridge and Arranged with Dial Start Signal | 2 | 1, A1 | 2 |
| 3954 | Two-may Trumk to Manual oxtlee fros Connactor Maltiple with Composito Signalling and Dialling and aranged with Dial Start Signsl | 2 | 2 | 2 |
| 3955 | Comector, Matallic Lunes, 10 Parby Divided Code Atnglag, CX-200 Broadspan with Spseial Toll Stotions on Line 256 and 258 | 1 | 1 | 2 |
| 3956 | Connector, Motallic and Croundad Lines, 20 Pariby Codo Ringing, Cum 200 Broadspan with 200 Ins Linle Mritiple Complate in aach unit | 1 | 2 | 1 |
| 3957 | Connoctor, Motalise and Grounded Lines, 20 Perty Code Ringing, Cx-200 Broacispan with Eusy Verisication and with 200 Lin Link Wultiple Completo in each unit | 2 | 1. A1 | 2 |
| Decemb Roplac WChan | $\begin{aligned} & 27,1945 \\ & \text { page } 12-5 \mathrm{man} \\ & \text { in this Issue } \end{aligned}$ |  |  |  |


| MO. | Ptile | Schom. | Descr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3958 | Connector, Motsllic Lines, 20 Party Dlvided Code Ringing, CX-30, $60 \% 200$ with Busy Verinication | 3 | 1. 42 | 3 |
| 3959 | Connector, Motsluc Linee, 10 Party Dividod Codo Ringing, Cx-200 Brosdapan with Blooking on Lina 239 | 1 | 2 |  |
| 3960 | Connector, Matallic and crounded Lines. 20 Party Divided Code Ringing, CX $-30,60$ \& 200 with Dusy Verification | 3 | 1, $\mathrm{A}^{2}$ | 3 |
| 3961 | Connector, Metallic Lines, 10 Party Divided Codo Ringing, 3 Digit Dualling, CX -30 \& 60 WH th Buay Vorlication | 3 | 1, A2 | 3 |
| 3962 | Connector: Motallic and Grounded Lines. 10 Party Divided Coda Mingings CX-200 Broadmpan with Blocking for Trunk Lines in Connector Croup 230 | 1 | 1 | 2 |
| 3963 | Connector, Motallie and Grounded Lines, 10 Party Code Ringing, 3 Digit Mialing, Cx-100 with Blocking on Lins 80 | 2 | 2, A2 | 2 |
| 3964 | Gonnector, Matalle and Grounded Lines, 20 Party Divided Code Ringing, Cx-200 Rroadspen with 200 Line Ink Kniwpio Complote in oach unit and Spocial ToL Stations on Lines 230-232 | 1 | 2 | 1 |
| 3965 | Connector, Hotellio Innes, 20 Panty Divided Codo Ringing, Cx-200 Broadepan with Blocking for frunle Group 240 and Line 297 | 1 | 1 | 1 |
| 3966 | Connoctor, Motallic Mnes, 10 Party Divided Code Ringing, 3 Digit Dialling, ox- 100 with Bu®y Vorlfaction and Non-Dial poll Stations in Group 30 | 3* | 1.42* | 3\% |
| 3967 | Alawn Signailing and Alarm Checking Circuit for $6 \mathbb{C}-30,60,100$ and 200 arranged with D.C. Powor Supply | 2 | 1. 81 | 2 |
| 3968 | Connsctor, Motallio Lines, 10 Party Divided Code Rxxging, CX-200 Broadspan with Buay Vordfication and Blociding in mrunk Group 220 | 1 | 1 | 1 |
| Decomb <br> Replac <br>  | $\begin{aligned} & \text { 27, } 1945 \\ & \text { page } 9-2-47 \\ & \text { in thin Issue } \end{aligned}$ |  |  |  |


| No. | T3 610 | Schom. | Desce: | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3959 | Alarm Signalling and Alaxm Checking Circuit for CX $-30,60,100$ and 200 with $A C$ ox ACe-DC Continuous Ringing Supply | 1 | 1 | 1 |
| 3870 | Tro-may Dual Function Trunk 5 rom Comnector Mrultiple with Composite Signalling and Dhalling | 1. | 1 | 1 |
| 3972 | Connector, Matallic and Grounded Lines, 20 Pasty Codo Ringing, CX-200 Broadspan with Busy Verification | 2 | 2, A2 | 2 |
| 3972 | Connector, Matallic Lines, 20 Paxty Code Ringing, CX-30,60 and 100 wid th Busy Terfisieation, Trunik Blocking, Automatic Iink Cutthru to Dial Back Trunka | 2 | 2, A2 | 2 |
| 3973 | Two-way Trunis to Manual Oefice with Composit Signalling and Dialling for use with Dial Back Connector | 3 | 2, A2 | 3 |
| 3974 | Automatic to Automatic Free Service Trunk with Extended Dialling to 355-A Stepmby-step D1al office $x$ rom Comector Multiple with Repeat Coil Bxidge | 1 | 1 | 1 |
| 3975 | Twomey Trunk to Hamal Ofince from Comnector TuItiple with Loop Dialling, Reverge Battszy Supervieion and Repeat Coil Bridge and arronged with All Links Busy Signal to Operator | 2 | 1 | 1 |
| 3976 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadgpan with 200 Line Link Nultiple complote in each unit and busy Vordification | 2* | 1* | 2* |
| 3977 | Connector, Metallic Lines, 10 Party Code Ringing, CX $-30,60$ and 100 with Special Toll Stations on Line 39 and with Bugy Varification | 1 | 2 | 1 |
| 3978 | Connector, Metallic Lines, 10 Party Code Ringing Cx-200 Broadspan with Blocking of Froe Service Trunk Groups 230 to 250 frow reaching 11 other trunk | 1 | 1 | 1 |

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Raplaces Page $3-4-43$
Whanged in this Issuo

| No. | 294.0 | Schom. | Doscrio | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3979 | Connector, Metallic Lines, 10 Party Code Ringing, CX $-30,60$ \& 100 with Busy Verificetion and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| 3980 | Connector, Hetalisc Lhnes, 20 Party Divided Codo Runging, CX-200 Broadspan with 200 Hine Link Multiple Complete in each unit and with Busy Verification | 1 | 1 | 1 |
| 3981 | Connector, Hotallic and Grounded Lines, 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Maltiple complato in aach wait with Busy Verification and with Blocking of Trunk and Toll Stations in Croup 230 | 2 | 2, A1 | 2 |
| 3982 | Alarm Signalling and Alamm Checking Circuit with Auxillary Test Line Number for A.C. Power Fallure | 1 | 1 | 1 |
| 3983 | Comector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 \& 100 with Busy Verification and Blocking in Trunk Group 40 | 1 | 1 | 1 |
| 3984 | Connector, Metallic Lines, 10 Pariy Code Hinging, CX -30 , 60 \& 100 with Blocking for Thunk Lines in Connector Groups 30 and 50 | 1 | 2 | 1 |
| 3985 | Connector, Hatallic Lines, 10 Party Codo Ringing, CX $-30,60$ 羕 100 with Busy Verification and Blocking on Individual Linos in Connector Group 20 | 2 | 1 | 1 |
| 3986 | Comnector, Metallic and Grounded Lines 20 Party Code Ringing, Cx-200 Broadspan with Busy Verification and with Blocking for Trunk Lines in Connector Group 230 | 1 | 1 | 1 |
| 3987 | Connector, Metalle Lines, 10 Party Code Ringing, CX $-30,60$ \& 100 with Blocking of Trunk Group 30 from Reaching Trunk Group 20 | 1 | 1 | 2 |
| 3988 | Connector, Metallic Lines, 20 Party Cods Ringing, CX-30, 60 \& 100 with Busy Verificam tion and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| Sapten Replac | $\begin{aligned} & \text { ber 2, } 1941 \\ & \text { es page } 6-2-42 \end{aligned}$ |  |  |  |


| $\mathrm{NO}_{2}$ | T2tle | Schem. | Descr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 3989 | Two-was Nonmdial Trunk to Magneto Office Irom Connector Multiple with Relayed Code Ring from Mink, Repeat Coil Bridge and Ring-off Suparviston | 1 | 1 | 14 |
| 3990 | Twomay Nonmedial Trunk to Magneto Office from Connector Mrltiple with Ring-down Slgmal, Ropeat Coll Bridge and Ring-oif Supervision | 1 | 1 | 1 |
| 3992 | Twomay Non-dial Grounded Trunk to Magnoto Orisce from Connoctor Multiple with Relayed Code Ring from Link, Repeat Coll Bridge and Ring-off Supervision | 1 | 1 | 1 |
| 3992 | Connector, Metalle and Grounded Lines, 20 Party Code Rixging, Cx-60 and 100 wi th Busy Verification and Trunk Blocking in Grouns 40,50 and 70 | 1 | 1 | 1 |
| 3993 | Comector, Hetallic and Grounded Lines, 20 Panty Code Ringing, CX-30, 60 and 100 with Busy Vorifications and with Blocking of Won-dial Trumks in Group 30 | 1 | 1 | 1 |
| 3994 | Comector, Motallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Vertifica tion and Non-dial Coin Lines in Group 290 | 2 | 1, A1 | 2. |
| 3995 | Connector, Metallic Lines, 10 Party Code Binging, GX-200 Broadspan with 200 Line Link Multiple Complate in each undt with Special Toll Stations on Lines 237 \& 239 | 1 | 1 | 1. |
| 3996 | Connector, Metallic Lines, 20 Party Code Ringing, Cx-30, 60 \& 100 vith Busy Veristcg tion and Blocking for Trunk Lines in Comector Groups 30 and 40 | 1 | 1 | 1. |
| 3997 | Post Paystation Line Circuit or Identifying Tone Ciscuit with Intermittent Dial Tone to Operator | 2 | 2, A1 | 2 |
| 3998 | Conneotor, Metallic and Grounded Linsa, 20 Party Code Ringing, CX $-30,60$ \& 100 with Busy Vemificadion and with Blocking in Trunk Group 30 | 1 | 1 | 1. |
| 3999 | Comector, Netallic Lines, 10 Party Code Ringing, CX-30, 60 \& 100 with Trunk Blocking in Grove 40 | 1 | 1 | 1 |

## CIRGUTY SCEEMATTC DRAMTNG, METHOD OP OPERATION AND STELD INSPECMON SHEETS

CC-4901 to CC-

| $\mathrm{NO}_{8}$ | 9xtle | Schem. | Dascr: | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 4901 | Busy Tone, Dial tone and Thing Relays for CX-10 | 1 | 1 |  |
| 4902 | Lne Test'Circuit for use with w.E.Co's Test Elug Type 252 and with Two Scals Voltmeters | 2 |  |  |
| 4903 | Dial Tons and Dral Frequency Busy tone | 3* | 1, A2* | $3{ }^{3}$ |
| 4904 | Busy Tons and HLaI Tone Relaye | 2 | 1, A1 | 2 |
| 4905 | Selforegulating Charger with Sola Constant Voltsge Transformer | 1 |  |  |
| 4906 | 4 Party Solective and 8 party Somi-Seloctive Suparimposed Ringing Interiuptes | 1 | 1 | 1 |
| 4907 | Power Circust | 1 |  |  |
| 4908 | Automatic Trunk or P.B.X. Line Selaction arranged for eithor Trunk Rotating Solection or IdIe Trunk Hunting | 1 | 1 | 2 |
| 4909 | D.C. Hotor-Generator Charger with Voltage Control Unit | 2 |  |  |
| 4910 | Power Circuit axranged for 105-6 Power Plant | 1 |  |  |
| 4911 | Ten Cods Anging Interruptar with Contimous Ringing supply | (Not | Issued) |  |
| 4912 | Twenty Code Ringing Interrapter with Continuous Ringing Supply | 1 | 1 | 2 |
| 4913 | Trunk Selection Circuit for use with Dial Back Connector | 3 | 1, A2 | 3 |
| 4914 | Line Test Circuit for use with \%.E.Co's Test Plugg Type 252 and with Single Scale Voltmeter and Shunt Key | 1 |  |  |
| 4915 | Metallic Line Adapter for Bridged Comected Stations with Kink arranged for nivided Finging | 1 | 1 | 2 |
| March 4, 1943 <br> Replaces Page $9-2 \mathrm{~m}-41$ |  |  |  |  |
| *Cham | ged in this Issue IC-10 |  |  |  |


| No. | Title | Schem. | Descr. | Insp. |
| :---: | :---: | :---: | :---: | :---: |
| 4916 | Trunk Moter Circuit', 'A11 Mrunis Busyo Moter Circuit and Mestor Trunk Owerflow Meter Circuit | 1 | 1 | 1 |
| 4217 | Noise Test Line Circuit | 1 | 1 | 1. |
| 4918 | Automatic Trunk Selection Circuit arranged in Two Sections with Rotation in the First Section as First Choice and Rotation in the Second Section only when the First Soctiors is Busy | 3 | 1 | 1 |
| 4.919 | Grounded Line Adapter with Non-Ring Thru Ropeating Coil and Relayod Ringing arranged for Extended Dialling | 2 | 1 | 14 |
| 4920 | Antomatic Trunk Rotating Selection with Overfllow Mater | ( NOH | Issued) |  |
| 4921 | Ten Code Ringing Interxupter | 1 | 1 | 1 |
| 4922 | One-way Inward Service Line from Connector Rultiple to Fire Station | 1 | 1 - | 1 |
| 4923 | Alarm Signalling and Alaza Checking Ciroutt CX -1000 | 1 | 1 | 1 |
| 3 3 H29 4 | Vacant Line Intercept Circult wi th Tone to Oparator over Loop Dial Master office Truak | 2 | 1 | 2 |
| *24925 | Automatic Trunk Selection for CX- 10 with outgoing Make-busy Key on mrunk 58 | 1 | 2 | 1 |

Tobruazy 28, 1944 Replaces page 12-5-41 **Nev in this issue

## CIRCUTT SCHEMATIC DRAVIHG, HETHOD OF OPERATIOX AND FIELD INSPECTION SHEETS

EC-3001 to 2 C

| No. | P1tio | Schem. | Descr. | Insp。 |
| :---: | :---: | :---: | :---: | :---: |
| 3002 | Connector, Netallic Lines, 10 Earty Code Ringing, CX-60 \& 100 wi th Busy Verification and Special Blocking | 1 | 1 | 1 |
| 3002 | Connector, Hetallic Lines, 20 Party Code Ringing, CX-30, 60 \& 100 with Busy Verific cation, Trunk Blocking and Automatic Iink Cut-thru to DLal Beck Trunks. | 1 | 1 | 1 |
| 3003 | Two-may Non-dial Trunk to Magnoto Office Irom Connoctor Multiple with Relayod Codo Ring Irom Link, Repeat Coll Bridge, Ringwoff Supervision and Tone to laster office Operator | 1 | 1 | 1 |
| 3004 | Tro-way Toll Grade Tranamission Trunk to Manual Office with Extended Dialling, From Cut-thru Comnector Multiple with Loop Dial Ling, Reverse Battory Supervision and Ropeat Coil Bridge | 1 | 1 | 1 |
| 3005 | Trunk Moter Circuit, "AllwTruak Busy" or MTrunk Overflown Meter Clrcuit for Nom Master or Combination Master and Nonmastar trunks | 3* | 1, A2* | 3* |
| 3006 | Two way Local Grade Trensmission Truak to other Automatic Office from Cut-thru Connector Multiple with Loop Dialling, Reverse Battery Supervision and Ropeat Coil Bxidgs | 1 | 1 | 1 |
| 3007 | Connector, Matallic Lines, 10 Pasty Code Ringing, CX-200 Broadspan with Busy Vexifim cation, Trunk Blocking and Non-dial Coin Lines in Groug 270 | 1. | 1 | 2 |
| 3008 | Connector, Metallic and Grounded Limes, 20 Party Code Ringing, CX-200 Broadspan with Trunk Blocking in Groups 230 and 250 | 1 | 1 | 1 |
| 3009 | Twoway Trunk to Manual Office with Extended Dialling, from connector Hiltiple with Loop Dialling, Reverse Battery Supervision, Repeat Coil Bridge and with Dial Start Slgnai | 1 | 1 | 1 |

harch 4, 1943
Replaces Page 12-50-4]

| W0. | T140 | Schem. | Desce. | Insp: |
| :---: | :---: | :---: | :---: | :---: |
| 3010 | Connector, Wotallic and Grounded Lines, 10 Party Code Ringing, 3 Digit Dialing CX-30 \& 60 with Special Trunk Code | 1 | 1 | 1 |
| 3011 | Connector, Metallic Lines, 10 Party Code Ringing, CX-100 with Busy Verification and Non-Dial Coin Lines in Group 80 | 1 | 1 | 1 |
| 3012 | Tromway Trunk to lianual office from Connector Multiple with Composite Signailing and Dialling and Voice Repeater | 2 | 2, A1 | 2 |
| 3013 | Two-way Trunk to Manual Oxice with Loop Disuling, Reverse Battery Supervision and Repeat Coil Bridge for use with Dial Back Comnector. | 2 | 1 | 1 |
| 3014 | Connector, Metallic Lines, 20 Party Coda Ringing, $C X-30,60$ \& 100 with Dusy Vorisication and Special Toll Stations on Iine 30 | 1 | 1 | 1 |
| 3015 | Line-Finder, Matallic Lines, CX-200 Broadspan | 1 | 1 | 1 |
| 3016 | Comnector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Toll Stations on Line 239 | 1 | 1 | 1 |
| 3027 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification | 2* | D, AIm | 2\% |
| '3018 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, $60 \& 100$ with Blocking in Trunk Group 30 | 2 | 12 Al | 2 |
| 3019 | Connector, Metallic Lines, 10 Party <br> Code Ringing, Cx-30, 60 \& 100 with Busy Verification and Nomedial Coin Lines in Group 40 | 1 | 2 | 1 |
| 3020 | Twomay Trunk to other Automatic Ofitice from Connector Multiple with Repeat Coll Bridge and Incoming Call Metar | 1 | 1 | 1 |
| 3021 | Two way Trunk to other Automatic Office with Trunk Connector and with Repeat Coll Bridge | 2 | 1 | 1 |
| Februa Repla Whan | xy 28, 1944 <br> ea page 12-5-41 <br> od in this Issue |  |  |  |


| Mo. | Ptite | Schem. | Descs. | In30. |
| :---: | :---: | :---: | :---: | :---: |
| 3022 | Automatic Converter Transier for Ters and Twenty Code RAnging Intermupter | ( Mot | Issued) |  |
| 3023 | Connector, Motallic Lines, 10 Party Code Ringing, CX--200 Broadspan with 200 Line Link Lultiple Complete in eachunit with Busy Varification and with NomDial Toll Stations on Line 239 | 1 | 1 | 1 |
| 3024 | Connectors, Metallic Lines, 20 Parby Codo Ringing, CX-60 \& 100 with Bugy Vorisication and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| 3025 | ```Connector, Metallic lines, 20 Party Code Finging, CX-30,60& & 100 with Busy Varification and Blocking in Group 30``` | 1 | 1. | 1 |
| 3026 | Connector, Motalle Lines, 10 Party Code Itinging, cx-200 Exoadspan with Busy Verification uth Special Toll Stations on Line 23. | 1 | 2* | 2* |
| 3028 | Connector, Metallic Lines, 20 Party Code Ringing CX-60 and 100 with Blocking in Trunk Group 50 | 1 | 1* | 2* |
| **3029 | Connectori, Metallic Lines, 20 Party Code Ringing CX $-30,60$ \& 200 with Busy Verification and with Blocking and Cuto Thru Oparathon in trunk Groups 30 and 40 | 1 | 1 | 1 |
| 3030 | Connector, Hetallic Lines, 20 Party Code Ringing, CX-100 with Busy Vexifleation and Nonodial Toll Station on Jine 39. | 1 | 2* | 1* |
| 3031 | Alarm Stgnaling and Alarm Checking Circuit | 1 | 23 | 1* |

3031 Alarm Stgnalling and Alarm Checking Circuit ..... 1

[^1]| 110. | T2tle | Schon. | Descrs. | Insp: |
| :---: | :---: | :---: | :---: | :---: |
| 3032 | Twomay Dual Function Trunk from Multiple Wh th Loop Dialling, Reverse Battery Supervision and Ropeat Coil Bridge | 2 | 1 | 1 |
| 3033 | Twoway Dual Function Trunk from Connector hultiple with Composito Sirnalling and Dialling | 2 | 1 | 2 |
| 3034 | Connector, Hetalle Lines, 10 Party Code Ringing, CX $-60,200$ with Busy Varification and Blocking in trunk Group 30 | 1 | 1 | 1 |
| **3035 | Connectors, Hetallic Lines, 10 Party Code Ringing Cx-200 Broadspan with Special Toll Station on Line 289 | 2 | 1 | 2 |
| 3036 | Twoway Tie Line to Mamal PBR from Connector Mritiple with Incoming Connec tom Composite Signalling and Dlalling and outmaing Makem busy Key | 1 | 1 | 1 |
| 3038 | Trooway Dual Function Trunk $\operatorname{srom}$ Comector Multiple with Loop Dialling, Reverse Battery Supervision, and thme Limit of Conversation Tone on Non-master Office Calls | 23 | 2, A1\% | 2* |
| * $3: 3010$ | Connector-lietallic 10 Party Code Ringing CX-200 Broadapan with Busy Verdification and Cut-through Operation on Toll Calls | 1 | 1. | 1 |
| * 3012 | Connector-lietalle Lines 10 or 20 Party divided Code Ringing CX- 10 | 1 | 1 | 1 |
| **30L2 | Two-way tie Line to Manual. P.Box. from Connector Multipla with Incoming Connector and Composite Signalling \& Diallug | 2 | 1 | 1 |
| Fabru <br> Reple <br> *Chan <br> **Nev | $\text { xy } 28,1944$ $3-40-43$ <br> od in this Issue Itons in this Issue |  |  |  |


| M9 NO. | Sorial | 2t+10 |
| :---: | :---: | :---: |
| 3001-1-2 | 1 | Instructlons for renoving M Relay of Themfinder on CX Type Commanty Dial Oxfices. |
| 3002 | 1 | Rearrangement of Paystation Circuit Lor Revorse Battory during period of Coin Doposit. |
| 3003--1-2 | $2 \%$ | Instruetions for Installation of Rectox Unit in Post Paystation Line Clrcuit |
| 3004 | Pre | Instructions for equipping Dial Staxt Signal on Truak Cirouits, connecting to Manual office Switchboard. |
| 3005-1-2 | 1 | Instructions for rearrangement of AC Folay in Alary Checking Circuit on CX Type Commnity Dial Ofeices. |
| 3006-1 - $2-3$ | 1 | Instructions for proventing excessive axcing in Iype $B$ Composita Trunks on CX Type Communty Dial offices. |
| 3007-1-2 | 1 | Instructions for searrangenent of Fusos on Power Board on CX Type Communty Dial offices |
| 3008-1-2-3 | 1 | Instructions fors rearrengoment of $\mathbb{H}$ and 4 Relays of the Connector on CX Tyoe Commnity Dial Offices. |
| 3009-1-2 | 1 | Instructions for roaxrangment of MO Elay of the InneFinder on CX Type Comannity Dial offices. |
| 3010 | 1 | Instructions for rearrangement of Line Relay of the Linemindar on CX Hypo Commaity Dial oesices. |
| 3021 | Pro. | Instructions for adding a Release Cirout on the Line Finder Gusrd Circuit on CX Type Communts Dial ofeices. |
| 3012-1-2-3 | 1 | Instructions for providing a Mraster Trunk Overflow Meter Circut on CX Typa Cormunity Dial Offices |
| 3013-1-2 | 1 | Instructions for rearrangemont of "Allwiolay Timing <br>  Dial offices. |
| 3014-1-2-3 | 1 | Instructions for reasrangment of Loop Dhal Reverse Battery Type Trunks to other Automatic offices in order to prevont Prematrure Answare on Trunks on CX Type Commity Dial Ofices |

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| \%8, \%o. | Serial | P1t2e |
| :---: | :---: | :---: |
| 3015-1-2 | 1 | Inatruction for rearrangement of MAll-Relayw siming Gixcuit to prevent ackerp condition due to Hz gh Voltage on the anitchboard on CX Type Community Dial Offices. |
| 3016-1-2-3 | 3 | Instructione for rearrangement of Composite Trunk Circuits to prevent Operator from haaring Dial Glicks or Thumps during dialling. |
| 3017 | 2 | Fuge Capacity Charta Lor CX-Type Commuxty Dal offices. |
| 3018 | 1 | Ingtructlons for mounting a Dasignation Plate on the Pole Changer Reversing Switch on Cy Iype Comannity 2121 0fllees. |
| $3019-2-2-3 \mathrm{c} 4$ | 2* | Instructions for remrangement of Power Wixing in CX Typo Comunt Dy Dal offlces. |
| 3020-1-2-3 | 2 | Instructions for xoarrengement of the Code Intexe rupter cireuits to lmprove the Fixuing of the Codes and to provido additional Contact Protection. |
| 3021 | 2 | Instructions 10 rearrangmont of the Shunt Circutt fior the 8 Relay in Loop DLin, Reverge Battery Type munks to other Autominc OfMces. |
| 3022-1-2-3 | 1 | Instructions for adding an Auriliary Convertor and Automatic Converter Transier on CX Typ Community Dal ORfices. |
| $3023-1-2-3$ | 2 | Instructions for rearrangement of Automatic Txumb Seloction circuit to provide an oversilow Trunk on CX Type Commanty Dial offices. |
| $3024-1-2-3 m 4$ | 2 | Inmtructions for remrangement of the Line-inndor circuits in CX Type Commity Dial offices |
| 3025 | 1 | Instructions for adding a Shunt Clreust for the Fectox unite in the Post Paystationo |
| 3026 | 2 | Ingtructions for Installation of Compenseting Eiesistora in Trunks to other Automatic officen in CX Type Commuity Dial oflces. |
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[^0]:    December 27, 1945
    Replaces page 12-5-41
    *Changed in thia Issue

[^1]:    December 5, 294.
    Replaces pase 9-2-47 *Changed in this Issue幺Novi Item in this Issue

