

NORTH ELECTRIC MFG. COMPANY
Numbering 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 scheme 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) - Assembly Drawing
- (C) - Schematic Circuit Diagrams
- (D) - Detail Drawing
- (I) - Field Inspection Sheet (Bell System only)
- (L) - Stock Lists
- (M) - Material Lists (For other than Bell System only)
- (O) - Method of Operation
- (R) - Relay Adjustment (Bell System only, obsolete)
- (S) - Illustration Sketches
- (W) - Wiring Diagrams

- 2) The first letter of the prefix only, indicates a group of 1000 drawings, "A" being used for the first group, "B" for the second, and so on, so that "E" would indicate the fifth group.

- 3) The first figure of the number indicates the dimensions of the drawing when the second letter of the prefix is "A", "C", "S", or "W" as follows:

| | | | |
|------|-----------|------|------------------------------|
| 1000 | 8" x 5" | 6000 | 22" x 34" |
| 2000 | 8½" x 11" | 7000 | 34" x 44" |
| 3000 | 11" x 22" | 8000 | No specified dimensions |
| 4000 | 8½" x 11" | 9000 | Used for Stock Lists |
| 5000 | 17" x 22" | | (No associated "BA" drawing) |

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

All Schematic Circuits, Method of Operation, Field Inspection Sheets and Material Lists for a particular circuit have the same first prefix letter 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 same 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 (BL) are the only drawings using any numbers in the 9000 series at present.

Hand sketches are all prefixed by "SK" and sketches prepared by draftsmen by "SK-A" or "SK-B".

BELL 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 follows:

B-3941 to B-3979
B-4743
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 — + L 8500
BL-9200 to BL-9299
BL-9500 to BL-9599
EL-9000 to EL-9999

Due to various reasons, certain drawings in the above groups have never been issued. They are as follows:

| | |
|--------|------------------|
| B-3959 | B-4874 |
| B-3961 | B-8950 to B-8999 |
| B-3962 | C-4920 |
| B-3963 | C-4925 to C-4999 |
| B-3969 | E-3027 |
| B-3970 | E-3050 to E-3999 |
| B-3976 | |

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

Method of Operation and Field Inspection Sheets are not issued for any circuit which does not include relays, i.e., line test circuit, self-regulating charger, etc.

Special Modification Drawings have been issued for certain circuit changes. These drawings are all in the 3000 series with "MR" prefixes.

August 3, 1945
EB:MM

CIRCUIT LIST

Bell System

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

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

The second letter of the prefix will be "C" for the Schematic, "O" for the Method of Operation, and "I" for the Field Inspection Sheet. Where no issue number is entered in the appropriate column, this item has not been issued to date.

August 3, 1945
EB:MM

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| BC-3955 - BC-3972 | #B-2* | December 27, 1945 |
| BC-3973 - BC-3979 | #B-3* | December 27, 1945 |
| BC-4570 - BC-4875 | #B-4* | December 27, 1945 |
| BC-4876 - BC-4996 | #B-5 | March 13, 1942 |
| BC-8901 - BC-8909 | #B-6* | December 27, 1945 |
| BC-8910 - BC-8917 | #B-7 | May 10, 1945 |
| BC-8918 - BC-8926 | #B-8 | March 4, 1943 |
| BC-8927 - BC-8934 | #B-9 | March 13, 1942 |
| BC-8935 - BC-8943 | #B-10 | March 13, 1942 |
| BC-8944 - BC-8950 | #B-11* | December 27, 1945 |
| CC-3901 - CC-3911 | #C-1 | May 10, 1945 |
| CC-3912 - CC-3922 | #C-2* | December 27, 1945 |
| CC-3923 - CC-3933 | #C-3* | December 27, 1945 |
| CC-3934 - CC-3946 | #C-4 | May 10, 1945 |
| CC-3947 - CC-3957 | #C-5* | December 27, 1945 |
| CC-3958 - CC-3968 | #C-6* | December 27, 1945 |
| CC-3969 - CC-3978 | #C-7 | February 28, 1944 |
| CC-3979 - CC-3988 | #C-8 | September 2, 1941 |
| CC-3989 - CC-3999 | #C-9 | September 2, 1941 |

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| CC-4916 - CC-4925 | #C-11 | February 28, 1944 |
| EC-3001 - EC-3009 | #E-1 | March 4, 1943 |
| EC-3010 - EC-3021 | #E-2 | February 28, 1944 |
| EC-3022 - EC-3031 | #E-3 | December 5, 1941 |
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| MR-3001 - MR-3014 | #M-1 | March 13, 1942 |
| MR-3015 - MR-3024 | #M-2* | December 27, 1945 |

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CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION

AND FIELD INSPECTION SHEETS

BC-3941 to BC-3979

| <u>No.</u> | <u>Title</u> | <u>Current Issue #.</u> | | |
|------------|---|-------------------------|---------------|--------------|
| | | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
| 3941 | Line-Finder, Metallic Lines, CX-30, 60, 100 and 1000 | 6 | 4 | 6 |
| 3942 | Connector, Metallic Lines, 10 Party Divided Code Ringing CX-30, 60, and 100 | 9 | 5 | 9 |
| 3943 | Line-Finder, Metallic and Grounded Lines, CX-30, 60, and 100 | 7 | 4 | 7 |
| 3944 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing CX-30, 60, 100 | 9 | 5, A1 | 9 |
| 3945 | Connector, Metallic Lines, 20 Party Divided Code Ringing CX-30, 60, 100, and 1000 | 8 | 3, A1 | 8 |
| 3946 | Connector, Metallic and Grounded Lines 20 Party Code Ringing CX-30, 60, and 100 | 10 | 5, A2 | 10 |
| 3947 | Selector for Metallic Lines, CX-1000 | 4 | 4 | 4 |
| 3948 | Line-Finder, Metallic Lines, CX-200 Broadspan | 7 | 3 | 7 |
| 3949 | Connector, Metallic Lines, 10 Party Code Ringing CX-200 Broadspan | 9 | 4 | 9 |
| 3950 | Line-Finder, Metallic and Grounded Lines CX-200 Broadspan | 6 | 3, A2 | 6 |
| 3951 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing CX-200 Broadspan | 5 | 4 | |
| 3952 | Connector, Metallic Lines, 20 Party Divided Code Ringing CX-200 Broadspan | 9 | 4, A1 | 9 |
| 3953 | Connector, Metallic and Grounded Lines, 20 Party Divided Code Ringing CX-200 Broadspan | 7 | 5, A1* | 7 |
| 3954 | Two-Way Trunk to Manual Office from Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 5 | 2 | 5 |

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| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3955 | Post Paystation Line Circuit without Coin Return for All-Relay Exchange with Type 150-U or 163-A Coin Collector | 9 | 5, A1 | 9 |
| 3956 | Alarm Checking Circuit | 9 | 5, A1 | 9A* |
| 3957 | Two-Way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling | 8 | 4 | 8 |
| 3958 | Two-Way Trunk to Manual Office from Selector Multiple with Composite Signalling and Dialling | 2 | 1 | |
| 3959 | (Closed, Never Issued) | | | |
| 3960 | Two-Way Trunk to Manual Office from Selector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 2 | 1 | 2 |
| 3961 | (Closed, Never Issued) | | | |
| 3962 | (Closed, Never Issued) | | | |
| 3963 | (Closed, Never Issued) | | | |
| 3964 | Two-Way Trunk to other Automatic Office from Selector Multiple with Repeat Coil Bridge | 2 | 2 | |
| 3965 | Ring-down Trunk to Magneto Central Office with no Battery at Master Office | 3 | 1 | 3 |
| 3966 | Paystation, Post Pay with Tone to Operator | 3 | 3 | 3 |
| 3967 | Post Paystation Line Circuit without Coin Return for All-Relay Exchange with Type 750 Coin Collector | 2 | 2 | |
| 3968 | Two-Way Trunk to other Automatic Office from Connector Multiple with Repeat Coil Bridge | 6 | 4 | 6 |
| 3971 | Automatic Converter Transfer for two or more Converter Groups for 10 and 20 Code Ringing Interrupter | 1 | 1 | |
| 3972 | Automatic to Automatic Trunk to Type 360 Step- by-Step Dial Office from Connector Multiple With Repeat Coil Bridge | 2 | 2 | |

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|------------|--|---------------|---------------|--------------|
| 3973 | Connector, Metallic Lines, 10 and 20 Party Code Ringing, CX-1000, 4 Digit System | 1 | 1 | 1 |
| 3974 | Line-Finder, Metallic Lines, CX-200 Broadspan with 200 line link multiple complete in each Unit. | 3 | 1, A2 | 3 |
| 3975 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit | 3 | 1, A2 | 3 |
| 3977 | Alarm Signalling and Alarm Checking Circuit | 9 | 5 | 9A* |
| 3978 | Two-Way Trunk to Manual Office with Extended Dialling, from Connector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge | 2 | 2 | 2 |
| 3979 | Post Paystation Line Circuit without Coin Return for All-Relay Exchange with Type 150-U or 163-A Coin Collector and with Splash of Discriminating Tone | 3 | 2, A1 | 3 |

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#B-3

CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION
AND FIELD INSPECTION SHEETS

BC-4570, BC-4677, BC-4743
BC-4861 to BC-4876, BC-4993 to BC-4996

| <u>No.</u> | <u>Title</u> | <u>Current Issue #.</u> | | |
|------------|--|-------------------------|---------------|--------------|
| | | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
| 4570 | (Closed, Never Issued) | | | |
| 4677 | Line Test Circuit | 1 | | |
| 4743 | Power Circuit | 5 | | |
| 4861 | Ten Code Ringing Interrupter | 6* | 5A1* | 6* |
| 4862 | Twenty Code Ringing Interrupter | 6* | 6* | 6* |
| 4863 | All-Relay Timing Circuit | 5* | 4A1* | 5* |
| 4864 | Busy Tone and Dial Tone Relays | 3 | 3 | 3 |
| 4865 | Grounded Line Adapter with Ring-thru Repeat Coil | 3 | 2 | |
| 4866 | Automatic Converter Transfer for Ten and Twenty Code Ringing Interrupter | 6* | 5A1* | 6* |
| 4867 | Long Line Repeater, Code or Harmonic Ringing | 3 | 3 | 3 |
| 4868 | Automatic Trunk Rotating Selection or PBX Trunk Hunting | 2 | 2 | 2 |
| 4869 | Grounded Line Adapter with Non-ring Thru Repeating Coil and Relayed Ringing | 1 | 1 | 1A |
| 4870 | Line Test Circuit for use with W. E. Co's Test Plugs, Type 252 | 4 | | |
| 4872 | Automatic Converter Transfer for Continuous Operating Converter | 3 | 1, A1 | 3 |
| 4873 | Self-Regulating Charger | 5 | | |
| 4874 | (Closed) | 1 | 1 | |
| 4875 | Toll Signalling Circuit for Converting Ringdown to DC Composite Signalling and DC Composite to Ringdown Signalling | 1 | 1 | |

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*Changed in this Issue

| <u>No.</u> | | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 4876 | Circuit for Emergency Line Service on Non-Listed Number Basis | 1 | 1 | 1 |
| 4993 | Automatic Trunk Rotating Selection or PBX Hunting Circuit of Single Trunk Group with Trunks in two Different Tens Line Groups | 2 | 2 | 2A |
| 4994 | Automatic Trunk Rotating Selection or PBX Trunk Hunting with Inter-connection between Trunk Groups | 2 | 2 | 2 |
| 4995 | Transfer Circuit for Two Sets of Busy Tone and Dial Tone Relays | 2 | 1, A1* | 2* |
| 4996 | Line Voltage Regulating Permeability Controlled Charger | 1 | | |

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CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION

AND FIELD INSPECTION SHEETS

BC-8901 to BC-

| <u>No.</u> | <u>Title</u> | <u>Current Issue #.</u> | | |
|------------|---|-------------------------|---------------|--------------|
| | | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
| 8901 | Two-Way Tandem Trunk from Connector Multiple with Trunks from Distant Automatic Exchange to Manual Office over Loop Dial, Reverse Battery Supervision Trunks | 2 | 1, A1 | 2 |
| 8902 | Two-Way Tandem Trunk from Connector Multiple with Trunks from Distant Automatic Exchange to Manual Office over Composite Trunks | 5 | 2 | 5 |
| 8903 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Special Blocking | 2 | 2 | 2 |
| 8904 | Trunk Circuit for Tandem Operation between one Common Manual Trunk Group and three Automatic Exchange Trunk Groups | 2* | 1, A1* | 2* |
| 8905 | Selector - Metallic Lines - CX-1000 arranged for more than 10 Trunks in "O" Group | 1 | 1 | 1 |
| 8906 | Two-way Tandem Trunks from Connector Multiple with Composite Trunks from Distant Automatic Exchange and Composite Trunks to the Manual Office | 3 | 1, A2 | 3 |
| 8907 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling and arranged for Toll Station Operation on a one-way Cut-Thru Basis | 5 | 1, A4* | 5 |
| 8908 | Two-way Trunk to Manual Office from Connector Multiple with Loop Dial, Reverse Battery Supervision and arranged for Toll Station | 1 | 1 | |
| 8909 | Two-Way Dual Function Tandem Trunk from Connector Multiple with Loop Dial, Reverse Battery Supervision Trunks from Automatic Exchange and Loop Dial, Reverse Battery Supervision Trunks to Manual Office. | 2 | 1, A1 | 2 |

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|------------|--|---------------|---------------|--------------|
| 8910 | Two-Way Dual Function Tandem Trunks from Connector Multiple with Loop Dial, Reverse Battery Supervision Trunks from Distant Automatic Exchange and Extended Loop Dial, Reverse Battery Supervision Trunks to Manual Office | | (Not Issued) | |
| 8911 | Connector, Metallic Lines, 10 party divided Code Ringing, CX-200 Broadspan with Busy Verification, Cut-Thru Operation on Toll Calls and Special Blocking | 1 | 1 | |
| 8912 | Two-way Dual Function, Local and Toll Grade Transmission Trunk from Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 3 | 1, A2 | 3 |
| 8913 | Two-Way Dual Function, Local and Toll Grade Transmission Tandem Trunks from Connector Multiple with Loop Dialling, Reverse Battery Supervision Trunks, from Distant Automatic Exchange and Composite Signalling and Dialling Trunks to Master Office with Incoming Trunk Connector | 2 | 1 | 2 |
| 8914 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Busy Verification, Cut-Thru Operation on Toll Calls, and Special Blocking | 2* | 1, A1* | 2* |
| 8915 | Connector, Metallic Lines, 10 Party Divided Code Ringing and 4 Party Selective or 8 Party Semi-Selective Superimposed Ringing, CX-200 Broadspan with Busy Verification | 1 | 1 | 1 |
| 8916 | Four Party Selective or Eight Party Semi-Selective Superimposed Revertive Call Connector | 1 | 1 | 1 |
| 8917 | Connector, Metallic and Grounded Lines 20 Party Divided Code Ringing and 4 Party Selective or 8 Party Semi-Selective Superimposed Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit and Busy Verification. | 2 | 1, A1 | 2 |

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| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 8918 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling and arranged for Magneto Trunk Operation on a One-way Cut-thru Basis | 4 | 1, A3 | 4 |
| 8919 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Busy Verification, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunks | 1 | 1 | 1 |
| 8920 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, 60 and 100 with Busy Verification and with Identifying Tone on Line Groups 40 and 50 | 2 | 1, A1* | 2* |
| 8921 | Two-way Trunk to Manual Office from Connector Multiple with Loop Dial, Reverse Battery Supervision and arranged for Magneto Trunk Operation on a One-way Cut-thru Basis | 2 | 1, A1 | 2 |
| 8922 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, 60 and 100 with Busy Verification, Trunk Blocking and Automatic Cut-thru to Dial Back Trunk | 1 | 1 | 1 |
| 8923 | Connector, Metallic Lines, 20 Party Code Ringing, CX-100 with Busy Verification, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunks | 1 | 1 | 1 |
| 8924 | Two-way Dual Function Tandem Trunk from Connector Multiple with Loop Dialling, Reverse Battery Supervision Trunks from Distant Automatic Exchange and Composite Signalling and Dialling Trunks to Manual Office | 2 | 1, A1 | 2 |
| 8925 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling and arranged for Magneto Trunk Operation on a One-way Cut-thru Basis, and Code Ringing from Trunk. | 3 | 1, A2 | 3 |
| 8926 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification, Cut-thru Operation on Toll Calls and Non-dial Coin Lines in Group 290 | 1 | 1 | 1 |

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| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 8927 | Connector, Metallic Lines, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification, Cut-Thru Operation on Toll Calls and Trunk Blocking in Groups 220, 230, and 240 | 2 | 1 | 2 |
| 8928 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Busy Verification and Trunk Blocking in Groups 240 and 250 | 2* | 1, A1* | 2* |
| 8929 | Two-Way Dual Function Tandem Trunks from Connector Multiple with Loop Dial, Reverse Battery Supervision Trunks from Automatic Exchange and Composite Signalling and Dialling Trunks to Manual Office | 1 | 1 | 1 |
| 8930 | Two-Way Dual Function Tandem Trunks from Connector Multiple with Composite Signalling and Dialling Trunks from Automatic Exchange and Composite Signalling and Dialling Trunks to Manual Office | 1 | 1 | 1 |
| 8931 | Two-way Dual Function Tandem Trunks from Connector Multiple with Loop Dial, Reverse Battery Supervision Trunks from Automatic Exchange and Loop Dial Reverse Battery Supervision Trunks to Manual Office | 1 | 1 | 1 |
| 8932 | Two-way Dual Function Tandem Trunks from Connector Multiple with Composite Signalling and Dialling Trunks from Automatic Exchange and Loop Dial Reverse Battery Supervision Trunks to Manual Office | 1 | 1 | 1 |
| 8933 | Connector, Metallic Lines, 10 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Special Toll Stations on Lines 237 and 239 with Busy Verification and Trunk Blocking | 1 | 1 | 1 |
| 8934 | Connector, Metallic Lines, 20 Party Code Ringing, CX-60 & 100 with Busy Verification and with Identifying Tone on Line Groups 20, 30 and 50 | 1 | 1 | 1 |

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| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 8935 | Alarm Checking and Alarm Signalling Circuit | | (Not Issued) | |
| 8936 | Connector, Metallic Lines, 20 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Busy Verification, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunks | 1 | 1 | 1 |
| 8937 | Connector, Metallic Lines, 10 Party Code Ringing, CX-60 & 100 with Busy Verification and Special Blocking | 1 | 1 | 1 |
| 8938 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Special Blocking | 1 | 1 | |
| 8939 | Connector, Metallic Lines, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification, Trunk Blocking and Automatic link Cut-thru to Dial Back Trunk | 1 | 1 | 1 |
| 8940 | Connector-Metallic and Grounded Lines 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit with Busy Verification and identifying tone on Line Groups 410 to 450 | 1 | 1 | 1 |
| 8941 | Connector, Metallic and Grounded Line 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit and with Trunk Blocking in Group 230 | 1 | 1 | 1 |
| 8942 | Connector, Metallic Lines, 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit with Busy Verification and Identifying Tone | 1 | 1 | 1 |
| **8943 | Connector, Metallic and Grounded Lines 20 Party Code Ringing CX-200 Broadspan with 200 line link Multiple Complete in each Unit with Busy Verification Trunk Blocking and Automatic Link Cut-Thru to Dial Back Trunk | 1 | 1 | 1 |
| 8944 | Connector, Metallic Lines, 10 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit, with Toll Station and Special Blocking | 1 | 1* | 1* |

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**New Item in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 8945 | Connector, Metallic and Grounded Lines 20 Party Code Ringing CX-30, 60 & 100 with Time Limit of Conversation Tone on Dial "9" Trunks in Group 30 | 1 | 1 | 1 |
| 8946 | Connector, Metallic Lines, 20 Party Code Ringing CX-200 Broadspan with Busy Verifi- cation, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunk | 1 | 1 | 1 |
| 8947 | Connector, Metallic and Grounded Lines 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple complete in each unit, with Busy Verification, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunk | 2 | 1, A1 | 2 |
| 8949 | Two-way Dual Function Tandem Trunks from Connector Multiple with Composite Signal- ing and Dialling Trunks from Automatic Exchange and Composite Signalling and Dialling Trunks to Manual Office | 1 | 1 | 1 |
| 8950 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dial- ling and arranged for Toll Station Operation on a One-way Basis | 2* | 1 | 2* |
| **8951 | Connector, Metallic Lines, 20 Party Code Ringing CX-30, 60 & 100 with Time Limit of Conversation Tone on Dial "9" Trunks in Group 30 | 1** | | 1** |
| **8952 | Connector, Metallic Lines, 10 Party Code Ringing, 3 Digit Dialling CX-30 with Busy Verification and Time Limit of Conversation Tone on Dial "9" Trunks in Group 30. | 1** | | 1** |

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#B-11

CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION
AND FIELD INSPECTION SHEETS

CC-3900 to CC-3999

| <u>No.</u> | <u>Title</u> | <u>Current Issue #.</u> | | |
|------------|--|-------------------------|---------------|--------------|
| | | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
| 3901 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-30, 60, and 100 with Blocking of Through Free Service Calls | 1 | 1 | |
| 3902 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking of Through Free Service Calls | 1 | 1 | 1 |
| 3903 | Connector, Metallic Lines, 10 Party Code Ringing, CX-1000 4 Digit System | 1 | 1 | 1 |
| 3904 | Connector, Metallic Lines, 20 Party Divided Code Ringing, CX-100 with Arrangement for Blocking Trunk Groups and Line Groups | 2 | 1, A1 | 2 |
| 3905 | Two-Way Trunk to other Automatic Office from Connector Multiple with Composite Signalling and Dialling | 3* | 1, 2* | 3* |
| 3906 | Two-way Trunk to other Automatic Office from Selector Multiple with Composite Signalling and Dialling | 1 | 1 | |
| 3907 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking on Individual Trunk Lines in Connector Group 240 | 1 | 1 | |
| 3908 | Selector, Metallic Lines, CX-1000 arranged for more than 10 Connectors or 10 Trunks per Group | 1 | 1 | 1 |
| 3909 | Line-Finder, Metallic Lines, CX-100 and 1000 arranged for 16 Line-Finders | 2 | 1, A1 | 2 |
| 3910 | Two-Way Trunk to Manual Office with extended Dialling from Selector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge | 1 | 1 | |
| 3911 | Alarm Checking Circuit for CX-1000 | 1 | 1 | |

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| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3912 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification | 5 | 2, A1 | 5 |
| 3913 | Connector, Metallic Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, CX-100 | 1 | 1 | |
| 3914 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-100 with Blocking of Automatic Free Service Trunks from Reaching All Other Trunks | 2* | 1, A1* | 2* |
| 3915 | Alarm Signalling and Alarm Checking Circuit for CX-1000 | 1 | 1 | |
| 3916 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Cut-thru Operation on Toll Calls | 2* | 1, A1* | 2* |
| 3917 | Two-way Toll Grade Transmission Trunk to Manual Office from Cut-thru Connector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge | 5 | 1, A4 | 5 |
| 3918 | Two-way Toll Grade Transmission Trunk to Manual Office from Cut-thru Connector Multiple with Composite Signalling and Dialling | 3 | 1, A2 | 3 |
| 3919 | Two-way Trunk with Toll Grade Transmission to Manual Office from Cut-thru Connector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge | 1 | 1 | 1 |
| 3920 | Connector, Metallic Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, CX-100, with Busy Verification | 1 | 1 | 1 |
| 3921 | Line-Finder, Metallic and Grounded Lines CX-200 Broadspan with 200 Line Link Multiple Complete in each unit | 4 | 1, A3 | 4 |
| 3922 | Connector, Metallic and Grounded Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit | 3 | 1, A2 | 3 |

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Replaces Page 3-4-43

*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3923 | Two-way Ring-down Trunk without Toll Grade Transmission to Magneto Office from Cut-thru Connector Multiple | 4* | 1, A3* | 4* |
| 3924 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-30, 60, & 100 with Special Toll Stations on Lines 39 and 37 | 2 | 1, A1 | 2 |
| 3925 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-30, 60 & 100 with Blocking for Trunk Lines in Connector Group 30 | 2 | 1, A1 | 2 |
| 3926 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing - CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit and Blocking for Trunk Lines in Connector Group 230 | 2 | 1, A1 | 2 |
| 3927 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-60, with Blocking on Free Service Trunk Groups | 1 | 1 | |
| 3928 | Post Paystation Line Circuit with Splash of Discriminating Tone to Operator | 2 | 1, A1 | 2 |
| 3929 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-30, 60 and 100 with Blocking for Lines in Connector Group 30 | 1 | 1 | |
| 3930 | Two-way Tie Line to Manual PBX from Connector Multiple with Special Composite Signalling and Dialling Equipment | 1 | 1 | |
| 3931 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each Unit with Blocking for Trunk Lines in Connector Group 230 | 2 | 1, A1 | 2 |
| 3932 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking for Trunk Lines in Connector Group 230 | 1 | 1 | |
| 3933 | Two-way Trunk from Connector Multiple with Composite Signalling and Dialling to either Manual Office or Automatic Tandem Office | 2 | 1, A1 | 2 |

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*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3934 | Line-Finder, Metallic Lines, CX-10 | 1 | 1 | |
| 3935 | Connector, Metallic Lines, 10 or 20 Party Divided Code Ringing, CX-10 | 1 | 1 | |
| 3936 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking of Automatic Free Service Trunks | 1 | 1 | |
| 3937 | Line-Finder, Metallic Lines, CX-10 | 2 | 1, A1 | |
| 3938 | Connector, 4 Digit - Metallic Lines - 10 Party Divided Code Ringing, CX-10 | 1 | 1 | |
| 3939 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Busy Verification and Cut-thru Operation on Toll Calls | 1 | 1 | 1 |
| 3940 | Two-way Dual-function Trunk from Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 3 | 1, A2 | 3 |
| 3941 | Connector, Metallic Lines, 10 Party Code Ringing, CX-60 & 100 with Special Toll Stations on Line 56 | 2 | 1, A1 | 2 |
| 3942 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, CX-30 and 60 | 1 | 1 | 1 |
| 3943 | Line-Finder, Metallic Lines, CX-200 Broadspan arranged for All Link Busy Signal | 2* | 1, A1* | 2* |
| 3944 | Connector, Metallic Lines, 20 Party Divided Code Ringing, CX-200 Broadspan with Busy Verification, Cut-thru Operation on Toll Calls and Special Blocking | 2* | 1, A1* | 2* |
| 3945 | Line-Finder, Metallic Lines, CX-200 Broadspan arranged for All Links Busy Signal | 2* | 1, A1* | 2* |
| 3946 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Cut-thru Operation on Toll Calls and Trunk Blocking | 1 | 1 | 1 |

May 10, 1945

Replaces 2-28-44

*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3947 | Two-way Trunk to Manual Office from Connector Multiple with Trunk Connector, and with Composite Signalling and Dialling | 2 | 1, A1 | 2 |
| 3948 | Connector, Metallic Lines, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification | 5 | 1, A4 | 5 |
| 3949 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-60 and 100 with Blocking of Trunk Group 50 from reaching Trunk Groups 20 and 30 | 2* | 1, A1* | 2* |
| 3950 | Trunk Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan arranged with Toll Grade Transmission, Composite Trunks and Busy Verification | 1 | 1 | |
| 3951 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60, and 100 with Busy Verification | 3 | 1, A2 | 3 |
| 3952 | Two-way Trunk to other Automatic Office from Connector Multiple with Composite Signalling and Dialling, and Incoming Call Meter | 1 | 1 | |
| 3953 | Two-way Trunk to Manual Office from Connector Multiple with Loop Dialling, Reverse Battery Supervision, and Repeat Coil Bridge and Arranged with Dial Start Signal | 2 | 1, A1 | 2 |
| 3954 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling and arranged with Dial Start Signal | 2 | 2 | 2 |
| 3955 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Special Toll Stations on Line 256 and 258 | 1 | 1 | 1 |
| 3956 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit | 1 | 1 | 1 |
| 3957 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification and with 200 Line Link Multiple Complete in each unit | 2 | 1, A1 | 2 |

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Replaces page 12-5-41

*Changed in this Issue

#C-5

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3958 | Connector, Metallic Lines, 20 Party Divided Code Ringing, CX-30, 60 & 100 with Busy Verification | 3 | 1, A2 | 3 |
| 3959 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking on Line 239 | 1 | 1 | |
| 3960 | Connector, Metallic and Grounded Lines, 20 Party Divided Code Ringing, CX-30, 60 & 100 with Busy Verification | 3 | 1, A2 | 3 |
| 3961 | Connector, Metallic Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, CX-30 & 60 with Busy Verification | 3 | 1, A2 | 3 |
| 3962 | Connector, Metallic and Grounded Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking for Trunk Lines in Connector Group 230 | 1 | 1 | 1 |
| 3963 | Connector, Metallic and Grounded Lines, 10 Party Code Ringing, 3 Digit Dialling, CX-100 with Blocking on Line 80 | 2 | 1, A1 | 2 |
| 3964 | Connector, Metallic and Grounded Lines, 20 Party Divided Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit and Special Toll Stations on Lines 230-232 | 1 | 1 | 1 |
| 3965 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Blocking for Trunk Group 240 and Line 297 | 1 | 1 | 1 |
| 3966 | Connector, Metallic Lines, 10 Party Divided Code Ringing, 3 Digit Dialling, CX-100 with Busy Verification and Non-Dial Toll Stations in Group 30 | 3* | 1, A2* | 3* |
| 3967 | Alarm Signalling and Alarm Checking Circuit for CX-30, 60, 100 and 200 arranged with D.C. Power Supply | 2 | 1, A1 | 2 |
| 3968 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with Busy Verification and Blocking in Trunk Group 220 | 1 | 1 | 1 |

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Replaces page 9-2-41

*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 3969 | Alarm Signalling and Alarm Checking Circuit for CX-30, 60, 100 and 200 with AC or AC-DC Continuous Ringing Supply | 1 | 1 | 1 |
| 3970 | Two-way Dual Function Trunk from Connector Multiple with Composite Signalling and Dialling | 1 | 1 | 1 |
| 3971 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with Busy Verification | 2 | 1, A1 | 2 |
| 3972 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 and 100 with Busy Verification, Trunk Blocking, Automatic Link Cut-thru to Dial Back Trunks | 2 | 1, A1 | 2 |
| 3973 | Two-way Trunk to Manual Office with Composite Signalling and Dialling for use with Dial Back Connector | 3 | 1, A2 | 3 |
| 3974 | Automatic to Automatic Free Service Trunk with Extended Dialling to 355-A Step-by-Step Dial Office from Connector Multiple with Repeat Coil Bridge | 1 | 1 | 1 |
| 3975 | Two-way Trunk to Manual Office from Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge and arranged with All Links Busy Signal to Operator | 1 | 1 | 1 |
| 3976 | Connector, Metallic Lines, 10 Party Divided Code Ringing, CX-200 Broadspan with 200 Line Link Multiple complete in each unit and Busy Verification | 1* | 1* | 1* |
| 3977 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 and 100 with Special Toll Stations on Line 39 and with Busy Verification | 1 | 1 | 1 |
| 3978 | Connector, Metallic Lines, 10 Party Code Ringing CX-200 Broadspan with Blocking of Free Service Trunk Groups 230 to 250 from reaching all other trunks | 1 | 1 | 1 |

February 28, 1944

Replaces Page 3-4-43

*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 3979 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| 3980 | Connector, Metallic Lines, 20 Party Divided Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit and with Busy Verification | 1 | 1 | 1 |
| 3981 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing CX-200 Broadspan with 200 Line Link Multiple complete in each unit with Busy Verification and with Blocking of Trunk and Toll Stations in Group 230 | 2 | 1, A1 | 2 |
| 3982 | Alarm Signalling and Alarm Checking Circuit with Auxiliary Test Line Number for A.C. Power Failure | 1 | 1 | 1 |
| 3983 | Connector, 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 Party Code Ringing, CX-30, 60 & 100 with Blocking for Trunk Lines in Connector Groups 30 and 50 | 1 | 1 | 1 |
| 3985 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Blocking on Individual Lines in Connector Group 20 | 1 | 1 | 1 |
| 3986 | Connector, 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, Metallic Lines, 10 Party Code Ringing, CX-30, 60 & 100 with Blocking of Trunk Group 30 from Reaching Trunk Group 20 | 1 | 1 | 1 |
| 3988 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Blocking in Trunk Group 30 | 1 | 1 | 1 |

September 2, 1941
Replaces page 6-2-41

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3989 | Two-way Non-dial Trunk to Magneto Office from Connector Multiple with Relayed Code Ring from Link, Repeat Coil Bridge and Ring-off Supervision | 1 | 1 | 1A |
| 3990 | Two-way Non-dial Trunk to Magneto Office from Connector Multiple with Ring-down Signal, Repeat Coil Bridge and Ring-off Supervision | 1 | 1 | 1 |
| 3991 | Two-way Non-dial Grounded Trunk to Magneto Office from Connector Multiple with Relayed Code Ring from Link, Repeat Coil Bridge and Ring-off Supervision | 1 | 1 | 1 |
| 3992 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-60 and 100 with Busy Verification and Trunk Blocking in Groups 40, 50 and 70 | 1 | 1 | 1 |
| 3993 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, 60 and 100 with Busy Verification and with Blocking of Non-dial Trunks in Group 30 | 1 | 1 | 1 |
| 3994 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification and Non-dial Coin Lines in Group 290 | 2 | 1, A1 | 2 |
| 3995 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Special Toll Stations on Lines 237 & 239 | 1 | 1 | 1 |
| 3996 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Blocking for Trunk Lines in Connector Groups 30 and 40 | 1 | 1 | 1 |
| 3997 | Post Paystation Line Circuit or Identifying Tone Circuit with Intermittent Dial Tone to Operator | 2 | 1, A1 | 2 |
| 3998 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and with Blocking in Trunk Group 30 | 1 | 1 | 1 |
| 3999 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 & 100 with Trunk Blocking in Group 40 | 1 | 1 | 1 |

September 2, 1941
Replaces page 6-2-41

CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION
AND FIELD INSPECTION SHEETS

CC-4901 to CC-

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 4901 | Busy Tone, Dial Tone and Timing Relays for CX-10 | 1 | 1 | |
| 4902 | Line Test Circuit for use with W.E.Co's Test Plug Type 252 and with Two Scale Voltmeters | 2 | | |
| 4903 | Dial Tone and Dual Frequency Busy Tone | 3* | 1, A2* | 3* |
| 4904 | Busy Tone and Dial Tone Relays | 2 | 1, A1 | 2 |
| 4905 | Self-Regulating Charger with Sola Constant Voltage Transformer | 1 | | |
| 4906 | 4 Party Selective and 8 Party Semi-Selective Superimposed Ringing Interrupter | 1 | 1 | 1 |
| 4907 | Power Circuit | 1 | | |
| 4908 | Automatic Trunk or P.B.X. Line Selection arranged for either Trunk Rotating Selection or Idle Trunk Hunting | 1 | 1 | 1 |
| 4909 | D.C. Motor-Generator Charger with Voltage Control Unit | 2 | | |
| 4910 | Power Circuit arranged for 105-C Power Plant | 1 | | |
| 4911 | Ten Code Ringing Interrupter with Continuous Ringing Supply | (Not Issued) | | |
| 4912 | Twenty Code Ringing Interrupter with Continuous Ringing Supply | 1 | 1 | 1 |
| 4913 | Trunk Selection Circuit for use with Dial Back Connector | 3 | 1, A2 | 3 |
| 4914 | Line Test Circuit for use with W.E.Co's Test Plugs Type 252 and with Single Scale Voltmeter and Shunt Key | 1 | | |
| 4915 | Metallic Line Adapter for Bridged Connected Stations with Link arranged for Divided Ringing | 1 | 1 | 1 |

March 4, 1943

Replaces Page 9-2-41

*Changed in this Issue

#C-10

| <u>No.</u> | <u>Title</u> | <u>Scham.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 4916 | 'Trunk Meter Circuit', 'All Trunk Busy' Meter Circuit and 'Master Trunk Overflow' Meter Circuit | 1 | 1 | 1 |
| 4917 | 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 Section is Busy | 1 | 1 | 1 |
| 4919 | Grounded Line Adapter with Non-Ring Thru Repeating Coil and Relayed Ringing arranged for Extended Dialling | 1 | 1 | 1A |
| 4920 | Automatic Trunk Rotating Selection with Overflow Meter | (Not Issued) | | |
| 4921 | Ten Code Ringing Interrupter | 1 | 1 | 1 |
| 4922 | One-way Inward Service Line from Connector Multiple to Fire Station | 1 | 1 | 1 |
| 4923 | Alarm Signalling and Alarm Checking Circuit CX-1000 | 1 | 1 | 1 |
| *4924 | Vacant Line Intercept Circuit with Tone to Operator over Loop Dial Master Office Trunk | 2 | 1 | 2 |
| *4925 | Automatic Trunk Selection for CX-10 with outgoing Make-busy Key on Trunk 58 | 1 | 1 | 1 |

February 28, 1944
 Replaces page 12-5-41
 **New in this issue

CIRCUIT SCHEMATIC DRAWING, METHOD OF OPERATION
AND FIELD INSPECTION SHEETS

EC-3001 to EC

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3001 | Connector, Metallic Lines, 10 Party Code Ringing, CX-60 & 100 with Busy Verification and Special Blocking | 1 | 1 | 1 |
| 3002 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verification, Trunk Blocking and Automatic Link Cut-thru to Dial Back Trunks. | 1 | 1 | 1 |
| 3003 | Two-way Non-dial Trunk to Magneto Office from Connector Multiple with Relayed Code Ring from Link, Repeat Coil Bridge, Ring-off Supervision and Tone to Master Office Operator | 1 | 1 | 1 |
| 3004 | Two-way Toll Grade Transmission Trunk to Manual Office with Extended Dialling, From Cut-thru Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 1 | 1 | 1 |
| 3005 | Trunk Meter Circuit, "All-Trunk Busy" or "Trunk Overflow" Meter Circuit for Non-Master or Combination Master and Non-master trunks | 3* | 1, A2* | 3* |
| 3006 | Two-way Local Grade Transmission Trunk to other Automatic Office from Cut-thru Connector Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 1 | 1 | 1 |
| 3007 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification, Trunk Blocking and Non-dial Coin Lines in Group 270 | 1 | 1 | 1 |
| 3008 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-200 Broadspan with Trunk Blocking in Groups 230 and 250 | 1 | 1 | 1 |
| 3009 | Two-way Trunk to Manual Office with Extended Dialling, from connector Multiple with Loop Dialling, Reverse Battery Supervision, Repeat Coil Bridge and with Dial Start Signal | 1 | 1 | 1 |

March 4, 1943

Replaces Page 12-5-41

*Changed in this Issue

#E-1

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|--|---------------|---------------|--------------|
| 3010 | Connector, Metallic and Grounded Lines, 10 Party Code Ringing, 3 Digit Dialling 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 | Two-way Trunk to Manual Office from Connector Multiple with Composite Signalling and Dialling and Voice Repeater | 2 | 1, A1 | 2 |
| 3013 | Two-way Trunk to Manual Office with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge for use with Dial Back Connector. | 1 | 1 | 1 |
| 3014 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verifi- cation and Special Toll Stations on Line 30 | 1 | 1 | 1 |
| 3015 | Line-Finder, Metallic Lines, CX-200 Broadspan | 1 | 1 | 1 |
| 3016 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Toll Stations on Line 239 | 1 | 1 | 1 |
| 3017 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification | 2* | 1, A1* | 2* |
| 3018 | Connector, Metallic and Grounded Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Blocking in Trunk Group 30 | 2 | 1, A1 | 2 |
| 3019 | Connector, Metallic Lines, 10 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Non-dial Coin Lines in Group 40 | 1 | 1 | 1 |
| 3020 | Two-way Trunk to other Automatic Office from Connector Multiple with Repeat Coil Bridge and Incoming Call Meter | 1 | 1 | 1 |
| 3021 | Two-way Trunk to other Automatic Office with Trunk Connector and with Repeat Coil Bridge | 1 | 1 | 1 |

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Replaces page 12-5-41
*Changed in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 3022 | Automatic Converter Transfer for Ten and Twenty Code Ringing Interrupter | | (Not Issued) | |
| 3023 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with 200 Line Link Multiple Complete in each unit with Busy Verification and with Non-Dial Toll Stations on Line 239 | 1 | 1 | 1 |
| 3024 | Connector, Metallic Lines, 20 Party Code Ringing, CX-60 & 100 with Busy Verification and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| 3025 | Connector, Metallic Lines, 20 Party Code Ringing, CX-30, 60 & 100 with Busy Verification and Blocking in Group 30 | 1 | 1 | 1 |
| 3026 | Connector, Metallic Lines, 10 Party Code Ringing, CX-200 Broadspan with Busy Verification with Special Toll Stations on Line 23. | 1 | 1* | 1* |
| 3028 | Connector, Metallic Lines, 20 Party Code Ringing CX-60 and 100 with Blocking in Trunk Group 50 | 1 | 1* | 1* |
| **3029 | Connector, Metallic Lines, 20 Party Code Ringing CX-30, 60 & 100 with Busy Verification and with Blocking and Cut-Thru Operation in trunk Groups 30 and 40 | 1 | 1 | 1 |
| 3030 | Connector, Metallic Lines, 20 Party Code Ringing, CX-100 with Busy Verification and Non-dial Toll Station on Line 39. | 1 | 1* | 1* |
| 3031 | Alarm Signalling and Alarm Checking Circuit | 1 | 1* | 1* |

December 5, 1941

Replaces page 9-2-41

*Changed in this Issue

**New Item in this Issue

| <u>No.</u> | <u>Title</u> | <u>Schem.</u> | <u>Descr.</u> | <u>Insp.</u> |
|------------|---|---------------|---------------|--------------|
| 3032 | Two-way Dual Function Trunk from Multiple with Loop Dialling, Reverse Battery Supervision and Repeat Coil Bridge | 1 | 1 | 1 |
| 3033 | Two-way Dual Function Trunk from Connector Multiple with Composite Signalling and Dialling | 1 | 1 | 1 |
| 3034 | Connector, Metallic Lines, 10 Party Code Ringing, CX-60, 100 with Busy Verification and Blocking in Trunk Group 30 | 1 | 1 | 1 |
| **3035 | Connector, Metallic Lines, 10 Party Code Ringing CX-200 Broadspan with Special Toll Station on Line 289 | 1 | 1 | 1 |
| 3036 | Two-way Tie Line to Manual PBX from Connector Multiple with Incoming Connector Composite Signalling and Dialling and out-going Make-busy Key | 1 | 1 | 1 |
| 3039 | Two-way Dual Function Trunk from Connector Multiple with Loop Dialling, Reverse Battery Supervision, and Time Limit of Conversation Tone on Non-master Office Calls | 2* | 1,A1* | 2* |
| **3040 | Connector-Metallic 10 Party Code Ringing CX-200 Broadspan with Busy Verification and Cut-through Operation on Toll Calls | 1 | 1 | 1 |
| **3041 | Connector-Metallic Lines 10 or 20 Party divided Code Ringing CX-10 | 1 | 1 | 1 |
| **3042 | Two-way Tie Line to Manual P.B.X. from Connector Multiple with Incoming Connector and Composite Signalling & Dialling | 1 | 1 | 1 |

February 28, 1944

Replaces 3-4-43

*Changed in this Issue

**New Items in this Issue

MODIFICATION RECORD DRAWINGS

| <u>MR No.</u> | <u>Serial</u> | <u>Title</u> |
|---------------|---------------|--|
| 3001-1-2 | 1 | Instructions for removing MA Relay of Line-finder on CX Type Community Dial Offices. |
| 3002 | 1 | Rearrangement of Paystation Circuit for Reverse Battery during period of Coin Deposit. |
| 3003-1-2 | 2* | Instructions for Installation of Rectox Unit in Post Paystation Line Circuit |
| 3004 | Pre | Instructions for equipping Dial Start Signal on Trunk Circuits, connecting to Manual Office Switchboard. |
| 3005-1-2 | 1 | Instructions for rearrangement of AC Relay in Alarm Checking Circuit on CX Type Community Dial Offices. |
| 3006-1-2-3 | 1 | Instructions for preventing excessive arcing in Type B Composite Trunks on CX Type Community Dial Offices. |
| 3007-1-2 | 1 | Instructions for rearrangement of Fuses on Power Board on CX Type Community Dial Offices |
| 3008-1-2-3 | 1 | Instructions for rearrangement of M and K Relays of the Connector on CX Type Community Dial Offices. |
| 3009-1-2 | 1 | Instructions for rearrangement of MD Relay of the Line-Finder on CX Type Community Dial Offices. |
| 3010 | 1 | Instructions for rearrangement of Line Relay of the Line-finder on CX Type Community Dial Offices. |
| 3011 | Pre. | Instructions for adding a Release Circuit on the Line-Finder Guard Circuit on CX Type Community Dial Offices. |
| 3012-1-2-3 | 1 | Instructions for providing a "Master Trunk Overflow" Meter Circuit on CX Type Community Dial Offices |
| 3013-1-2 | 1 | Instructions for rearrangement of "All-Relay" Timing Circuit for Contact Protection on CX Type Community Dial Offices. |
| 3014-1-2-3 | 1 | Instructions for rearrangement of Loop Dial Reverse Battery Type Trunks to other Automatic Offices in order to prevent Premature Answers on Trunks on CX Type Community Dial Offices |

March 13, 1942

Replaces page 9-2-41

*Changes in this Issue

| <u>MR No.</u> | <u>Serial</u> | <u>Title</u> |
|---------------|---------------|---|
| 3015-1-2 | 1 | Instructions for rearrangement of "All-Relay" Timing Circuit to prevent a Lock-up condition due to High Voltage on the switchboard on CX Type Community Dial Offices. |
| 3016-1-2-3 | 1 | Instructions for rearrangement of Composite Trunk Circuits to prevent Operator from hearing Dial Clicks or Thumps during dialling. |
| 3017 | 1 | Fuse Capacity Charts for CX-Type Community Dial Offices. |
| 3018 | 1 | Instructions for mounting a Designation Plate on the Pole Changer Reversing Switch on CX Type Community Dial Offices. |
| *3019-1-2-3-4 | 2* | Instructions for rearrangement of Power Wiring in CX Type Community Dial Offices. |
| 3020-1-2-3 | 1 | Instructions for rearrangement of the Code Interrupter Circuits to improve the Timing of the Codes and to provide additional Contact Protection. |
| 3021 | 1 | Instructions for rearrangement of the Shunt Circuit for the N Relay in Loop Dial, Reverse Battery Type Trunks to other Automatic Offices. |
| 3022-1-2-3 | 1 | Instructions for adding an Auxiliary Converter and Automatic Converter Transfer on CX Type Community Dial Offices. |
| 3023-1-2-3 | 1 | Instructions for rearrangement of Automatic Trunk Selection circuit to provide an overflow Trunk on CX Type Community Dial Offices. |
| 3024-1-2-3-4 | 2 | Instructions for rearrangement of the Line-finder circuits in CX Type Community Dial Offices |
| 3025 | 1 | Instructions for adding a Shunt Circuit for the Rectox units in the Post Paystation. |
| 3026 | 1 | Instructions for Installation of Compensating Resistors in Trunks to other Automatic Offices in CX Type Community Dial Offices. |

December 27, 1945
 Replaces page 2-28-44
 *Changed in this Issue