37 TYPING UNIT

WIRING DIAGRAMS

1. GENERAL

1.01 This section is issued to provide the actual wiring diagrams for the 37 typing units. Notes included on the diagrams explain symbols used and point out special conditions that should be observed.

1.02 The wiring diagram index lists the title and wiring diagram numbers in numerical order. The wiring diagrams that pertain to the associated function or stunt box arrangements are also included.

1.03 Schematic wiring diagrams and circuit descriptions for the typing unit can be found in the appropriate BSTSEA (Bell System Teletypewriter Station Engineering Arrangements) plan.

2. WIRING DIAGRAM INDEX

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**SCHEMATIC**

**A**

SELECTOR MAGNETS

![Selector Magnets Diagram](https://example.com/selector_magnets.png)

**B**

CONNECTORS

![Connectors Diagram](https://example.com/connectors.png)

**C**

RIBBON MAGNET

![Ribbon Magnet Diagram](https://example.com/ribbon_magnet.png)

**D**

PAPER OUT SWITCH

![Paper Out Switch Diagram](https://example.com/paper_out_switch.png)

**E**

LOW PAPER

![Low Paper Diagram](https://example.com/low_paper.png)

**F**

LOW PAPER SWITCH

![Low Paper Switch Diagram](https://example.com/low_paper_switch.png)

**G**

PART OF 334289 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**H**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**I**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**J**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**K**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**L**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**M**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**N**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**O**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**P**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**Q**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**R**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**S**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**T**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**U**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**V**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**W**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**X**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**Y**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

**Z**

PART OF 334287 CABLE

![Part of Cable Diagram](https://example.com/part_of_cable.png)

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**APPROVALS**

- **D AND R**
- **E OF M**

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**TELETYPE CORPORATION**

**7855WD**
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**SHEET INDEX NOTES**
1. When changes are made in this drawing, only those sheets affected will be reissued.
2. This sheet index will be reissued and updated each time any sheet of the drawing is reissued or a new sheet is added.
3. The last completed column indicates the latest issue number of the sheet index.
4. Sheets that are not changed will retain their existing issue no.
5. Issue dates will be shown on the sheet index only.

**SUPPORTING INFORMATION**

**REVISIONS**

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I C-19-BR

1. WIRE COLOR CODE

DISTANT TERMINAL DESIGNATION OR STUNT BOX SLOT NUMBER

DISTANT TERMINATING AREA OR STUNT BOX CONTACT

2. COLOR CODE:
   - BK - BLACK
   - BR - BROWN
   - O - ORANGE
   - W - WHITE
   - G - GREEN
   - BL - BLUE
   - S - SLATE
   - R - RED
   - P - PURPLE
   - Y - YELLOW

3. FEMALE TERMINAL.

4. ALL UNUSED WIRES SHOULD BE TIED BACK ON CABLE BODY. CARE SHOULD BE TAKEN TO AVOID SHORTING OF UNTERMINATED WIRES.

5. "F" INDICATES CONTACT ASSEMBLY, BUT NO TERMINALS.

6. "N" INDICATES STRAP TERMINAL.

7. WHERE A FUNCTION IS NOT CALLED FOR IN A PARTICULAR ARRANGEMENT, THE ASSOCIATED CONTACT AND CONNECTOR SHOWN ON THIS DRAWING ARE TO BE DISREGARDED.

8. Visual References:
   - STUNT BOX ARRANGEMENT: DESIGNATED BY STAMPING ON MOUNTING SCREW IN UPPER RIGHT REAR OF STUNT BOX.
   - SLOT NUMBER: EVERY FIFTH SLOT NUMBER IS STAMPED ON REAR OF CASTING.

---

**SCHEMATIC**

(FULLY IMPLEMENTED STUNT BOX 1 (NOTE 8))

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**ACTUAL**

(Note 8)

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7860WD (2)

TELETYPewriter CORPORATION
I. WIRING LEGEND:
- Wire color code: distant terminating designation. Distant terminating area.
- Connector view from terminal end.
- All wire 24 AWG unless otherwise specified.
- Associated cables 306097, 307897.

2. Terminal designations enclosed in parentheses are for reference only and not marked on component.
3. Connect wires per area "F" to applicable switch on printer assembly (option).
4. Connect wires to terminal end.
5. Character detected (1223300).
7. Low paper switch (124999).
8. Print suppress magnets (3026N).

CONNECTOR VIEW FROM TERMINAL END.

CONNECT WIRES PER AREA "F" TO APPLICABLE SWITCH ON PRINTER ASSEMBLY (OPTION).

ALL UNUSED WIRES SHOULD BE TIED BACK ON CABLE BODY. CARE SHOULD BE TAKEN TO AVOID SHORTING OF UNTERMINATED WIRES TO PRINTER FRAME.

PART OF PRINTER CABLE 327897.

**PART OF PRINTER CABLE 327897.

*NOTE*
WIRING LEGEND:

- WIRE COLOR CODE
- DISTANT TERMINATING DESIGNATION
- DISTANT TERMINATING AREA

TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE ONLY & NOT MARKED ON COMPONENT.

CONNECTOR VIEWED FROM SOLDER TERMINAL END.

ALL WIRE 24 AWG UNLESS OTHERWISE SPECIFIED.

ASSOCIATED CABLE

153592 CABLE ASSEMBLY
319498 CABLE ASSEMBLY

COLOR CODE LEGEND

- O - ORANGE
- R - RED
- BK - BLACK
- BR - BROWN

SELECTOR MAGNETS

ASSOCIATED STRAPS

156880
156881
1. **WIRING LEGEND:**
- Wire color code:
- Distant terminating designation:
- Distant terminating area.

2. **Terminal Designations Enclosed in Parentheses Are for Reference Only & Not Marked on Component.**

3. **Connector Viewed from Terminal End.**

4. **All Wire 24 AWG Unless Otherwise Specified.**

5. **Associated Cable: 327814**

6. **Color Code Legend:**
- BK - BLACK
- GD - GREEN
- BR - BROWN
- BL - BLUE
- O - ORANGE
- S - SLATE
- Y - YELLOW
- W - WHITE

7. **All Unused Wires Should Be Tied Back On Cable Body. Care Should Be Taken to Avoid Shorting of Unterminated Wires to The Printer Frame.**

8. **The Low Paper Switch is Not Part of the Basic Printers. It Belongs to The Low Paper Mod. Kit No. 11950.**

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**Diagram: Selector Magnets**

- **D-1-O**
- **D-3-W-R-G**
- **PART OF PRINTER CABLE**

**Connector (Part of Printer Cable)**

- **A-(21)-W-R-O**
- **F-(23)-BK**
- **D-(8)-BK**
- **F-(23)-BL-S**
- **D-(7)-BK**

**Low Paper Switch** (Optional)

- **See Note 8**

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**Actual Wiring Diagram for Model 37 Typing Unit YP810, 815**

**Approvals**

- **D and R**
- **E of M**

**Typtec Corporation**

**TELETYPE CORPORATION**

**8364 WD**
LEGEND.

- DISTANT TERMINATING DESIGNATION
- COLOR CODE

1. ISSUE NUMBER

2. COLOR CODE:
- BK·BLACK
- G·GREEN
- P·PURPLE
- O·ORANGE
- Y·YELLOW
- W·WHITE
- S·SLATE
- BL·BLUE

3. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE FOR REFERENCE ONLY AND NOT MARKED ON COMPONENT.

4. CONNECTOR VIEWS FROM SOLDER END.

5. CONNECTOR VIEWED FROM SOLDER END.

6. CONNECTOR VIEWED FROM SOLDER END.

7. ASSOCIATED CABLES:
- 3861259 WIRE ASSEMBLY
- 3861260 WIRE ASSEMBLY
- 3861261 WIRE ASSEMBLY
- 3861262 WIRE ASSEMBLY
- 3861263 WIRE ASSEMBLY

8. CONNECTOR VIEWED FROM SOLDER END.

9. REFERENCE SPEC FOR TELETYPE CORPORATION EMPLOYEES ONLY 816680