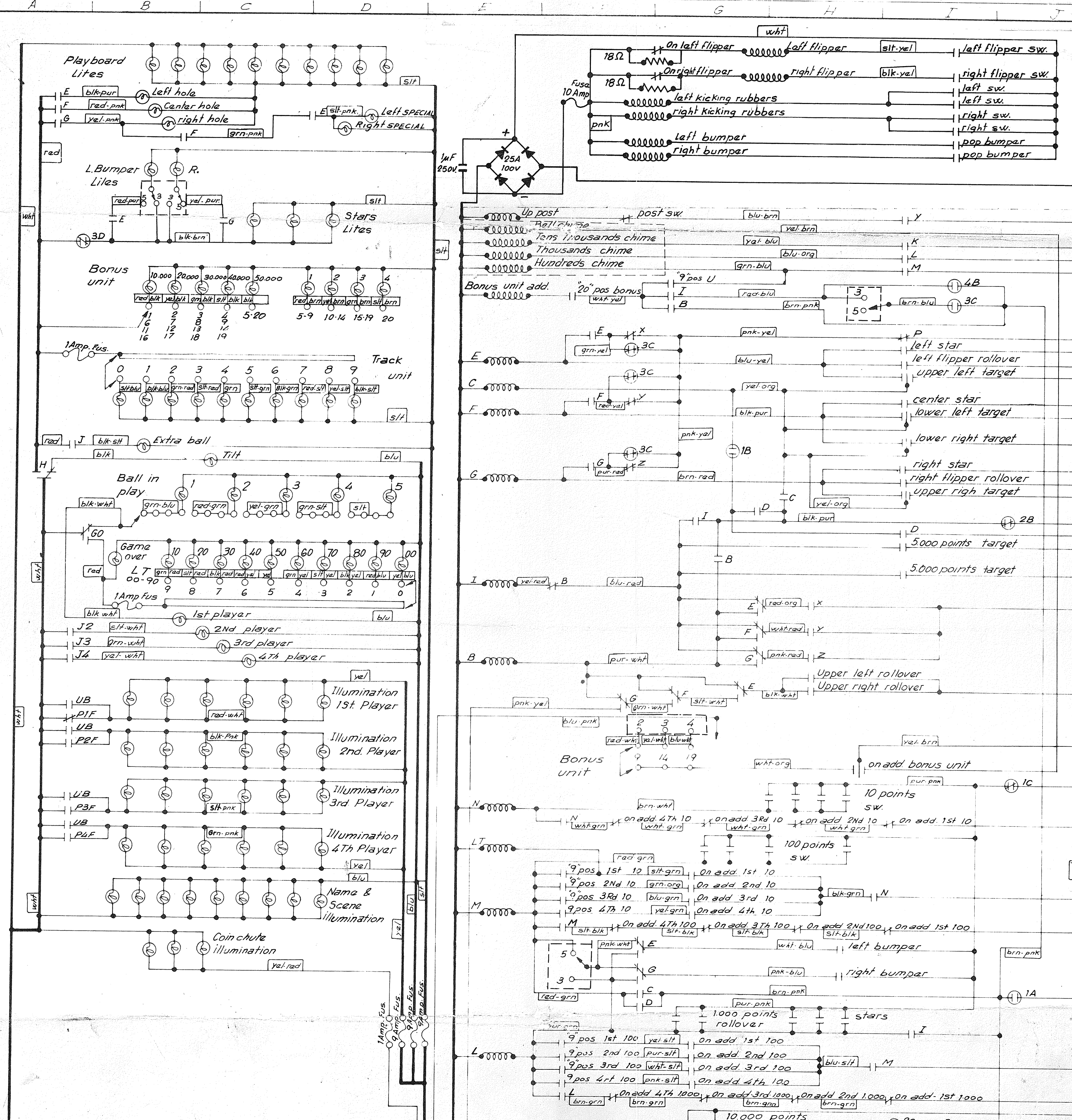




LK = Lichtkasten  
 SP = Spielfeld  
 GP = Grundplatte

### RELAYS (Relais)

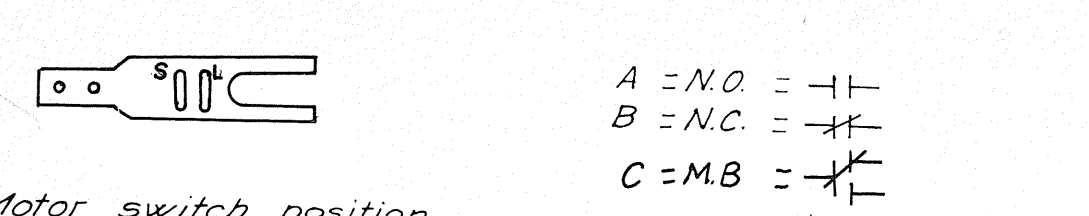
| INDEX | Position in machine |       | Coils - Spule |        | Contacts | USE       |                          |
|-------|---------------------|-------|---------------|--------|----------|-----------|--------------------------|
|       | Light               | Light | Nº            | Color  |          |           |                          |
|       | LK                  | SP    | GP            | Nº     | Farbe    | Kontakte  | Bezeichnung              |
| 4E    |                     |       | B             | 9500   | Yellow   | 2A-B      | 5 bonus                  |
| 3E    |                     |       | C             | 9500   | "        | 3A-C      | 500 Points               |
| 1E    |                     |       | D             | 9500   | "        | 6A        | 2x 500 Points            |
| 2E    |                     |       | E             | 9500   | "        | 4A-3C     | left hole illumination   |
| 3E    |                     | F     | F             | 9500   | "        | 3A-2C     | Center hole illumination |
| 3E    |                     | G     | G             | 9500   | "        | 3A-3C     | Right hole illumination  |
| 11E   |                     |       | H             | 13500  | Slate    | B-2C      | Tilt hold                |
| 4E    |                     |       | I             | 9500   | Yellow   | 5A        | 5000 points              |
| 7E    |                     |       | J             | 11500  | Pink     | 2A-2B     | Extra ball               |
| 7E    | K                   |       | K             | 9500   | Yellow   | 5A        | 10000 points             |
| 6E    |                     |       | L             | 9500   | "        | 5A        | 1000 points              |
| 6E    | LT                  |       | LT            | 107950 | "        | 2 Disc    | 00-90 LT                 |
| 5E    | M                   |       | M             | 9500   | "        | 6A        | 100 points               |
| 5E    | N                   |       | N             | 9500   | "        | 3A        | 10 points                |
| 17E   |                     |       | O             | 9500   | "        | 8A        | Ball return              |
| 17E   |                     |       | P             | 9500   | "        | 3A-2B     | Act. balls               |
| 17E   |                     |       | Q             | 9500   | "        | 4A-B      | Bonus score              |
| 18E   |                     |       | R             | 13500  | Slate    | 2A-C      | Hold                     |
| 18E   |                     |       | S             | 9500   | Yellow   | 5A        | Start                    |
| 11E   |                     |       | T             | 9500   | "        | B         | Tilt                     |
| 11E   | U                   |       | U             | 107950 | "        | 1 Disc 2A | Add track unit           |
| 18E   |                     |       | V             | 9500   | "        | 3A        | Replay button            |
| 19E   |                     |       | W             | 9500   | "        | 4A-2B     | 2nd coin chute           |
| 19E   |                     | W     | W             | 9500   | "        | 3A        | 1st coin chute           |
| 15E   |                     | X     | X             | 9500   | "        | 5A-B      | Left hole                |
| 15E   |                     |       | Y             | 9500   | "        | 5A-2B     | Center hole              |
| 15E   |                     | Z     | Z             | 9500   | "        | 5A-B      | Right hole               |
| 16E   | PC1                 |       | PC1           | 9500   | "        | 4A-B      | 1st & 2nd player reset   |
| 16E   | PC2                 |       | PC2           | 9500   | "        | 7A-B      | 2nd & 3rd player reset   |
| 16E   | PC3                 |       | PC3           | 9500   | "        | 7A-B      | 3rd & 4th player reset   |
| 19E   |                     | AS    | AS            | 107950 | "        | 2A        | 3rd coin chute           |

### BANK

| INDEX | Description    | COIL - SPULEN |
|-------|----------------|---------------|
| 15E   | J2 9500 Yellow | 3A-B          |
| 16E   | J3 9500 "      | 3A-B          |
| 16E   | J4 9500 "      | 2A-2B         |
| 11E   | GO 9500 "      | 3B-C          |
| 17E   | UB 9500 "      | 5A-B          |
| 11E   | PP 9500 "      | 2A-2B-C       |
| 15E   | PM 9500 "      | 4A-B-C        |
| 15E   | WPM 9500 "     | A             |

### OTHER COILS USED

| INDEX      | Description               | COIL - SPULEN |
|------------|---------------------------|---------------|
| 16         | L Flipper coil            |               |
| 16         | R "                       |               |
| 1F         | L Kickingrubber coil      |               |
| 1F         | R "                       |               |
| 1F         | L Bumper coil             |               |
| 1F         | R "                       |               |
| 2E         | Up post coil              |               |
| 2E         | Add bonus coil            |               |
| 10E        | Add replay coil           |               |
| 11E to 14E | Scoring unit coils        |               |
| 14E        | Subtr bonus coil          |               |
| 15E        | Tandem hole flicker coils |               |
| 15E        | Slide hole coil           |               |
| 15E        | Down post coil            |               |
| 16E        | Subtract replay coil      |               |
| 16E        | Total play meter coil     |               |
| 16E        | Motor assy                |               |
| 16E        | Add ball coil             |               |
| 17E        | Ball return coil          |               |
| 18E        | Knocker coil              |               |
| 19E        | Bank reset coil           |               |
| 19E        | Transformer               |               |



| 1      | 2    | 3    | 4    |
|--------|------|------|------|
| D 2A-B | B    |      |      |
| C 5A-B | 5A-B | 5A-B | 5A-B |
| B 2A   | 3B   | 2A-B | 2A   |
| A 3A   |      |      | 5A-B |

Motor sequence chart (Nockenprogramm)  
 0 15 20 45 60 75 90 105 120

|        |         |
|--------|---------|
| Black  | Schwarz |
| Green  | Grün    |
| Orange | Orange  |
| Pink   | Rosa    |
| Red    | Rot     |
| Slate  | Helgrau |
| Purple | Violett |
| White  | Weiß    |

|    |  |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|--|
| 1D |  |  |  |  |  |  |  |  |  |  |
| 2B |  |  |  |  |  |  |  |  |  |  |
| 2C |  |  |  |  |  |  |  |  |  |  |
| 3B |  |  |  |  |  |  |  |  |  |  |
| 3C |  |  |  |  |  |  |  |  |  |  |
| 3D |  |  |  |  |  |  |  |  |  |  |
| 4A |  |  |  |  |  |  |  |  |  |  |
| 4B |  |  |  |  |  |  |  |  |  |  |
| 4C |  |  |  |  |  |  |  |  |  |  |

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| 8G      | 5P         | Extra game for score Adj.  |
| 4G      | 3S         | Extra ball 2,3,4 Adj.      |

### FUSES

| 7 USES |            |            |              |               |
|--------|------------|------------|--------------|---------------|
| INDEX  | In machine |            |              | USE           |
|        | light box  | Play board | Keypad panel |               |
|        | LK         | SP         | GP           | Bezeichnung   |
| 20H    | 6 Amp      |            |              | Primary       |
| 19 J   | 15 Amp     |            |              | 28V-30V       |
| 19 I   | 10Amp      |            |              | Bank          |
| 6D     |            |            | 9Amp         | Players score |
| 6D     |            |            | 9Amp         | Name & Score  |

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