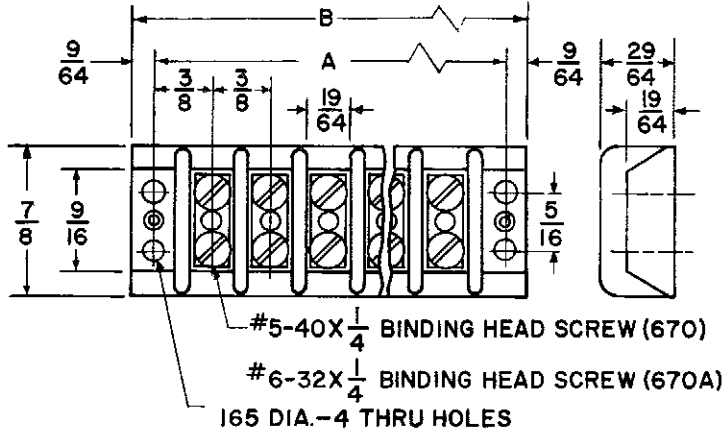
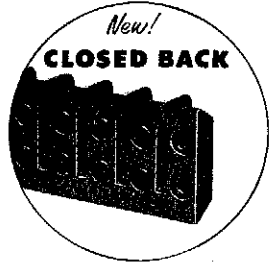
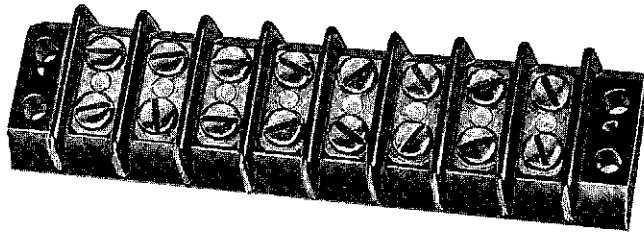


Kulka CLOSED BACK TERMINAL BLOCKS



**670, 670A SERIES
TERMINAL BLOCKS
and MARKER STRIPS**

| Number of Terminals | Dimensions | |
|---------------------|-----------------|-------------------|
| | A | B |
| 1 | $\frac{3}{4}$ | $1\frac{1}{32}$ |
| 2 | $1\frac{1}{8}$ | $1\frac{13}{32}$ |
| 3 | $1\frac{1}{2}$ | $1\frac{25}{32}$ |
| 4 | $1\frac{7}{8}$ | $2\frac{1}{32}$ |
| 5 | $2\frac{1}{4}$ | $2\frac{17}{32}$ |
| 6 | $2\frac{5}{8}$ | $2\frac{29}{32}$ |
| 7 | 3 | $3\frac{1}{32}$ |
| 8 | $3\frac{3}{8}$ | $3\frac{17}{32}$ |
| 9 | $3\frac{3}{4}$ | $4\frac{1}{32}$ |
| 10 | $4\frac{1}{8}$ | $4\frac{13}{32}$ |
| 11 | $4\frac{1}{2}$ | $4\frac{25}{32}$ |
| 12 | $4\frac{7}{8}$ | $5\frac{1}{32}$ |
| 13 | $5\frac{1}{4}$ | $5\frac{17}{32}$ |
| 14 | $5\frac{5}{8}$ | $5\frac{29}{32}$ |
| 15 | 6 | $6\frac{1}{32}$ |
| 16 | $6\frac{3}{8}$ | $6\frac{17}{32}$ |
| 17 | $6\frac{3}{4}$ | $7\frac{1}{32}$ |
| 18 | $7\frac{1}{8}$ | $7\frac{13}{32}$ |
| 19 | $7\frac{1}{2}$ | $7\frac{25}{32}$ |
| 20 | $7\frac{7}{8}$ | $8\frac{1}{32}$ |
| 21 | $8\frac{1}{4}$ | $8\frac{17}{32}$ |
| 22 | $8\frac{5}{8}$ | $8\frac{29}{32}$ |
| 23 | 9 | $9\frac{1}{32}$ |
| 24 | $9\frac{3}{8}$ | $10\frac{17}{32}$ |
| 25 | $9\frac{3}{4}$ | $10\frac{29}{32}$ |
| 26 | $10\frac{1}{8}$ | $10\frac{1}{32}$ |
| 27 | $10\frac{1}{2}$ | $10\frac{17}{32}$ |
| 28 | $10\frac{5}{8}$ | $11\frac{1}{32}$ |
| 29 | $11\frac{1}{4}$ | $11\frac{17}{32}$ |
| 30 | $11\frac{3}{8}$ | $11\frac{29}{32}$ |



MOLDED MATERIALS:

General Purpose Phenolic (commercial grade) unless otherwise specified. See page 1.

HARDWARE:

SCREWS & TERMINALS: Brass, nickel plated.
SOLDER TERMINALS: Brass, hot-tinned

WIRE SIZES

Will accommodate lugs for wire sizes: AWG #22 to 16.

ORDERING CODE For convenience and accuracy in ordering, please specify catalog numbers as shown:

CODE EXAMPLE

| Series** | Lug Type* | Number of Terminals | Special Hardware* | Service* |
|----------|------------------|---------------------|-------------------|----------|
| 670 | $\frac{3}{4}$ ST | 30 | SI | F |

670-3/4ST-30-SIF

*Omit if not applicable

**Specify 670A for blocks with 6-32 screws.

For complete Code information see page 3.

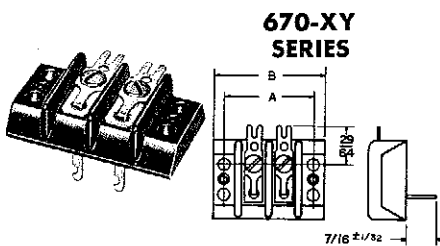
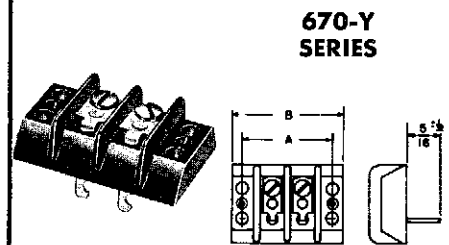
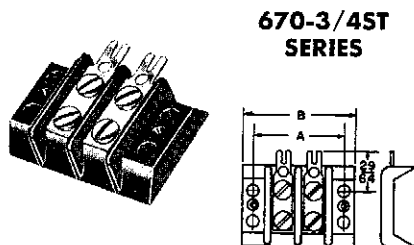
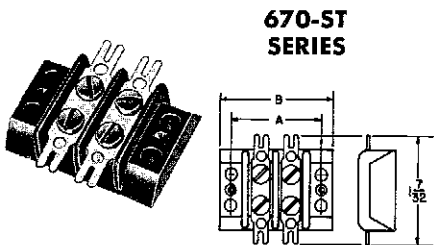
ELECTRICAL RATING

RATED VOLTAGE ($\frac{1}{3}$ breakdown voltage)

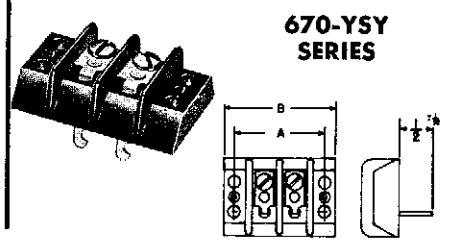
2500 Volts RMS.

CURRENT RATING: 15 Amps.

VARIATIONS: Shown below are standard variations of the above series, each employing same block, with different terminal hardware.

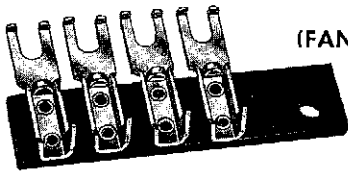


**Count on KULKA
for
RELIABILITY**



TERMINAL BLOCK ACCESSORIES

650 SERIES CONNECTING STRIPS

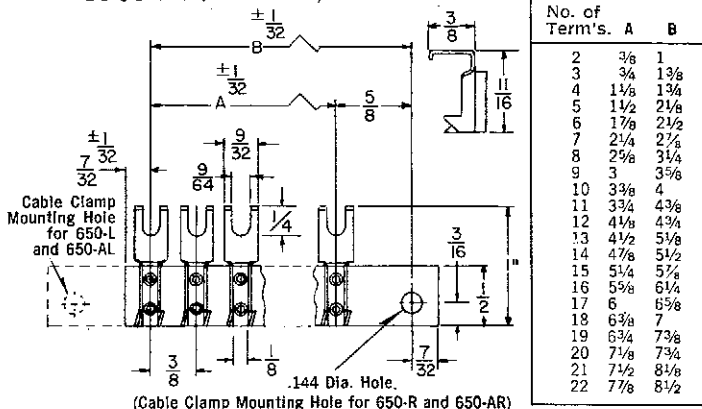


(FANNING STRIPS)

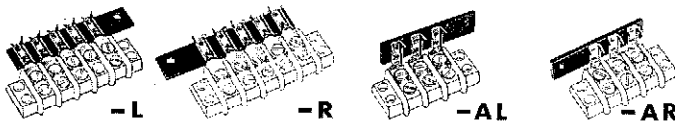
MATERIALS AVAILABLE: XP bakelite is supplied unless otherwise specified. All are 3/32" thick.

- XP** Black laminated paper base phenolic.
- XXXP** Natural Color laminated paper base phenolic, per MIL-P-3115A.
- GMG** Laminated glass cloth melamine per MIL-P-15037.

LUGS are .031 brass, hot fanned.



650 SERIES CODE DESIGNATIONS



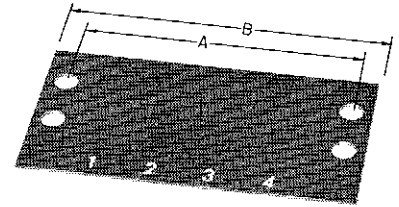
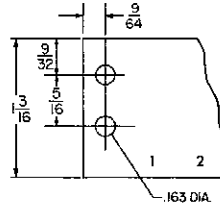
| CODE | CABLE HOLE AT | STYLE |
|------|---------------|-------|
| -L | LEFT | FLAT |
| -R | RIGHT | FLAT |
| -AL | LEFT | ANGLE |
| -AR | RIGHT | ANGLE |

| CODE EXAMPLE | | | |
|----------------|----------------------------|---------------------|-------------------|
| Catalog Number | Flat or Angle & Clamp Hole | Number of Terminals | Type of Material* |
| 650 | AL | 22 | GMG |

650-AL-22-GMG

*Specify only if other than XP.

MARKER STRIPS



For A and B dimensions, see table on preceding page.

Marker strips are available in several types of 1/32" thick laminated materials. There are also a variety of styles to accommodate feed-through lugs and special marking requirements.

A fuller description of materials, styles and methods of marking will be found on page 48.

MATERIALS AVAILABLE:

Vulcanized Fibre Commercial Grade—Black

- XP** Paper Base Phenolic — Black
- XXXP** Paper Base Phenolic, per MIL-P-3115 (Natural Color). Available black, not per Spec.
- NPG** Nylon Cloth Phenolic per MIL-P-15047.
- GMG** Fibre glass melamine per MIL-P-15037.
- GEE** Fibre glass, Epoxy, per MIL-P-18177.

CODE EXAMPLE

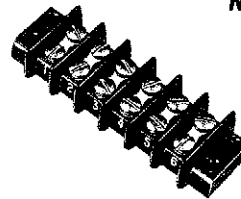
| Series | For* Feed-Through Style | Number of Terminals | Material** |
|--------|-------------------------|---------------------|------------|
| MS670 | Y | 30 | XP |

MS670—Y—30—XP

For convenience in ordering, please specify catalog number thus:

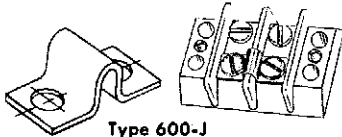
*Omit if not applicable.
**Omit if Vulcanized Fibre.

MARKING ON TERMINAL BOARDS

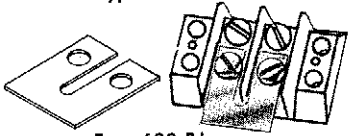


Terminal designations may be marked directly on block by rubber stamping or engraving. We can also rubber-stamp identifying part number per MIL-STD-130 at end of each block. For further information on marking, see page 47.

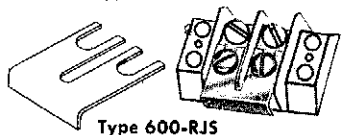
JUMPERS



Type 600-J



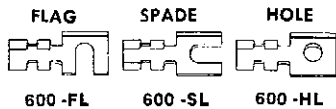
Type 600-RJ



Type 600-RJS

See page 49 for complete information.

SOLDER LUGS

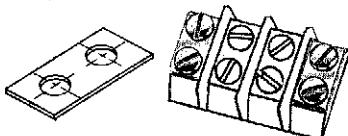


600-FL 600-SL 600-HL

See page 51 for complete information.

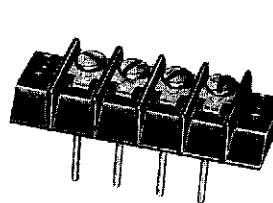
STRADDLE PLATE

600-SP

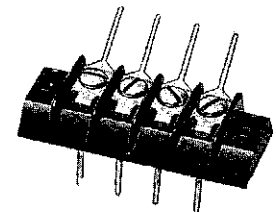


See page 52 for complete information.

TERMINAL BLOCKS with FEED-THRU WIRE WRAP TERMINALS



670A-3000 SERIES



670A-3100 SERIES

See page 46 for complete information.