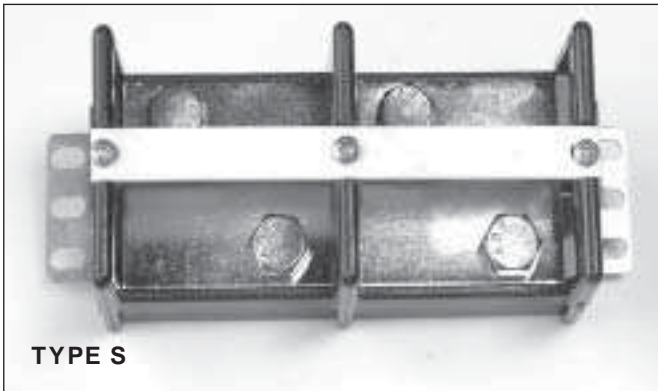
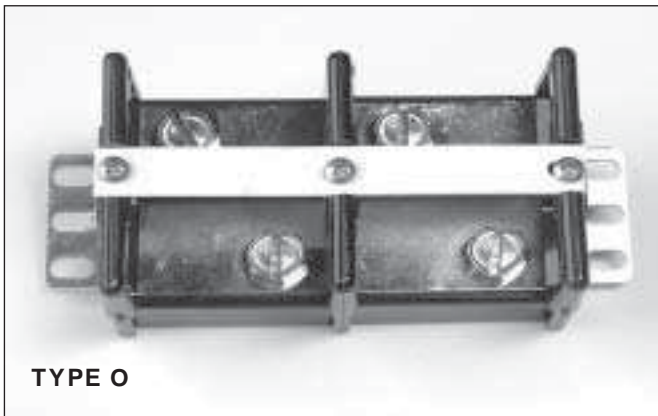
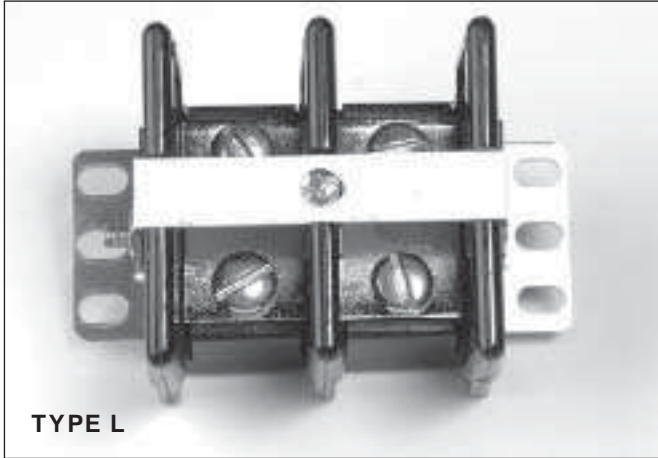


Types L, O & S L – 1.16" (29.46mm), O – 1.86" (47.24mm),

High Voltage/Current

BARRIER STYLE





Features:

- **Heavy Load Termination Flexibility** – Designed for machine, switchboard and other heavy load terminations.
- **Readily Adaptable to Special Applications** – Can be used for branch circuit termination with simple modification of standard terminal plate.
- **Combined Style Design Capability** – All types can be combined with each other as well as with Types H and BT.
- **Ratings and Wire Sizes to Match High Current Needs** – Type L is rated at 100A/600V, UL recognized for wire up to No. 1AWG. Type O is rated 125A/600, UL recognized for wire up to No. 1/0AWG. Type S is rated 225A/600V, UL recognized for wire up to No. 4/0AWG. (Note: UL requires the use of UL recognized lugs.)
- **Recognition and Listing** – UL recognized and CSA certified

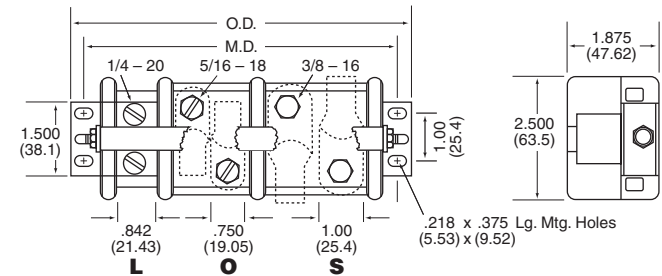
TERMINAL DESIGNATIONS

- L** Nickel-plated brass terminal bar with 1/4" – 20 plated round-head steel screws. Accepts wire up to No. 1AWG.
- O** Nickel-plated brass terminal bar with 5/16" – 18 plated slotted hex-head steel screws. Accepts wire up to No. 1/0AWG.
- S** Nickel-plated brass terminal bar with 3/8" plated hex-head steel screws. Accepts wire up to No. 4/0AWG.

 Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.

 Guide No. 184-N-90, Report No. LR39186-1.

Types L, O & S Terminal Dimensions



Terminal Variations



L terminal bar and 1/4" round-head screw, max. lug width – 27/32"



O terminal bar and 5/16" slotted hex-head screw, max. lug width – 3/4"



S terminal bar and 3/8" slotted hex-head screw, max. lug width – 1"

S – 2.42" (61.47mm) Center-to-Center Spacing

Specifications:

Wire Range:

L – UL Recognized for No. 1AWG
 O – UL Recognized for No. 1/0AWG
 S – UL Recognized for No. 4/0AWG

No. of Terminals: L – 1 thru 12
 O – 1 thru 4
 S – 1 thru 4

Voltage Rating: 600V CSA and UL

Tightening Torque: L – 50 in.-lb.
 O – 50 in.-lb.
 S – 200 in.-lb.

Current Rating: L – 100A, O – 125A, S – 225A

Housing:

Material Phenolic
 Continuous Use
 Temp. (UL Index) 150°C (302°F)
 Flammability Rating 94V-1
 Water Absorption
 (24 hrs. % wt. gain) 0.5%
 Chemical Resistance Resistant to most organic solvents

Breakdown Voltage: L O S
 Terminal - Terminal 11,000V Typ. 10,900V Typ. 10,400V Typ.
 Terminal - Ground 9,700V Typ. 10,300V Typ. 10,500V Typ.

Note: Specifications contained herein are subject to change without notice.

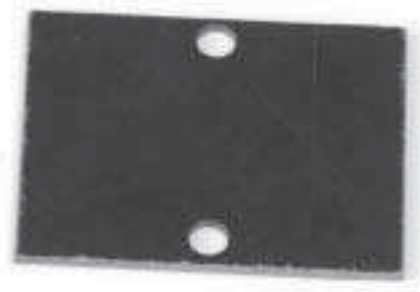
Series L, O & S Accessories

COVERS

Types T and U – Plain cover of 1/16" thick bakelite is permanently positioned to block with two screws. Factory-assembled or customer-installed.

To order, specify:

L – Part No. 268A158 – 1 thru 12 terminals
 O – Part No. 268A159 – 1 thru 4 terminals
 S – Part No. 268A160 – 1 thru 4 terminals



Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses are metric equivalents.

How to Order

Types L, O and S terminal blocks are ordered by listing a model number made up of the series designation followed by the number of terminals required for the application.

Example: a 4-pole terminal block becomes L-4, O-4 or S-4

When ordering combinations of both types, the model number is made up of both series designations followed by total number of poles and number of each type. A model number of two L terminals followed by two O terminals thus is converted to stock number LO-4 (2L, 2O).

Combining these types with types T, U, S, H and BT would follow the same ordering format. (Note: When combined with types H or BT, a special adapter is required.)

Type L

| Number of Terminals | Mounting Dimensions | | Overall Dimensions | |
|---------------------|---------------------|-------------|--------------------|-------------|
| | Inches | Metric (mm) | Inches | Metric (mm) |
| 1 | 2.183 | 55.46 | 2.683 | 68.16 |
| 2 | 3.342 | 84.88 | 3.842 | 97.58 |
| 3 | 4.500 | 114.31 | 5.000 | 127.0 |
| 4 | 5.659 | 143.73 | 6.159 | 156.43 |
| 5 | 6.817 | 173.16 | 7.317 | 185.86 |
| 6 | 7.976 | 202.59 | 8.476 | 215.29 |
| 7 | 9.134 | 232.01 | 9.634 | 244.71 |
| 8 | 10.293 | 261.44 | 10.793 | 274.14 |
| 9 | 11.451 | 290.86 | 11.951 | 303.56 |
| 10 | 12.610 | 320.29 | 13.110 | 332.99 |
| 11 | 13.768 | 349.71 | 14.268 | 362.41 |
| 12 | 14.927 | 379.14 | 15.427 | 391.84 |

Type O

| Number of Terminals | Mounting Dimensions | | Overall Dimensions | |
|---------------------|---------------------|-------------|--------------------|-------------|
| | Inches | Metric (mm) | Inches | Metric (mm) |
| 1 | 2.880 | 73.16 | 3.380 | 85.86 |
| 2 | 4.736 | 120.29 | 5.236 | 132.99 |
| 3 | 6.591 | 167.42 | 7.091 | 180.12 |
| 4 | 8.447 | 214.55 | 8.947 | 227.25 |

Type S

| Number of Terminals | Mounting Dimensions | | Overall Dimensions | |
|---------------------|---------------------|-------------|--------------------|-------------|
| | Inches | Metric (mm) | Inches | Metric (mm) |
| 1 | 3.440 | 87.38 | 3.940 | 100.08 |
| 2 | 5.856 | 148.74 | 6.356 | 161.44 |
| 3 | 8.271 | 210.09 | 8.771 | 222.79 |
| 4 | 10.687 | 271.44 | 11.187 | 284.14 |

Dimensions shown are ± 0.030"