## Internal Wiring Junction Block

- **45 Terminal Arrangements:** Available in 1- to 12-pole configurations
- **High-Density Design:** Supports 1–6 quick-connect tabs per pole
- **Standard Terminals:** .250" × .032" tin-plated male tabs (nickel-plated options also available)
- **Clear Identification:** Stamped terminal markings available (see C-19 for reference)
- **Barrier Spacing:** 7/16" spacing for improved electrical isolation
- **Durable Base Material:** Molded phenolic base for high heat resistance and mechanical strength

- UL E61937
  - Temperature Rating:150°C
  - Commercial Appliance: 250V & 20A
  - General Industrial: 300V & 10A
  - Wire Range: #14-18 AWG Sol./Str. (Copper Only)
- CSA 1742185
  - Temperature Rating: 75°C
  - Commercial Appliance: 250V & 20A
  - Wire Range: #12-18 AWG Sol./Str. (Copper Only)
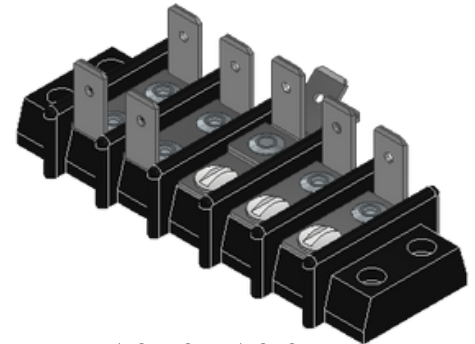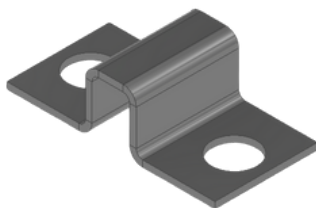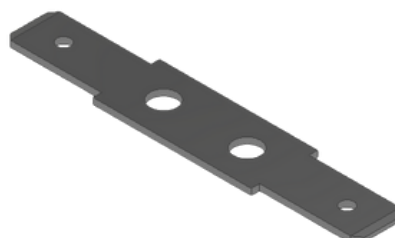
ELD-5-27-27-5-3-3
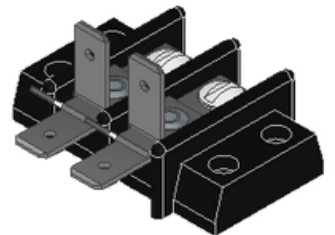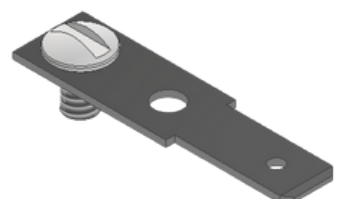
ELD-2-5X

ELD-9-34X

Jumper

Single Tab
0°, 45°, 90°

Double Tab
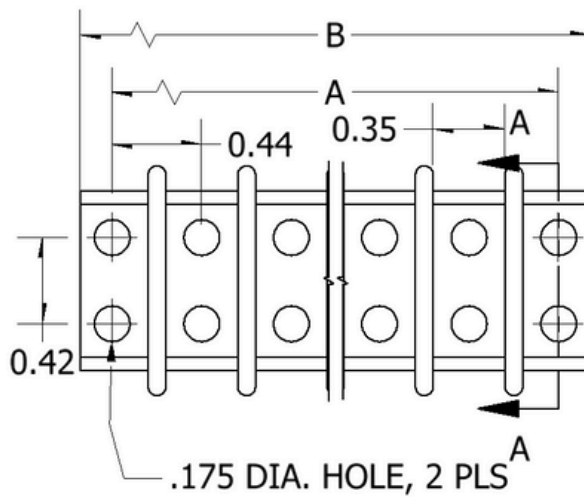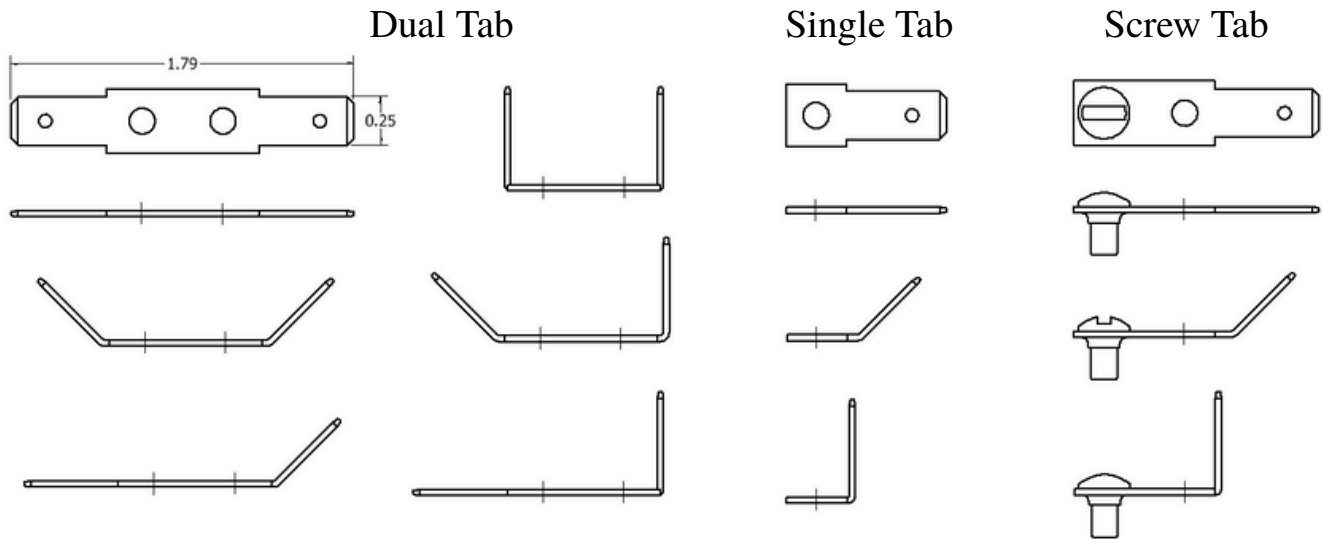0° & 0°, 0° & 45°, 0° & 90°,
45° & 45°. 45° & 90°, 90° & 90°

Screw Tab
0°, 45°, 90°

ELEC TRON™

Terminal Styles

| Dual Tab | Single Tab | Screw Tab |

.175 DIA. HOLE, 2 PLS

SECTION A-A
SCALE 1: 1

NO. OF POLES	1	2	3	4	5	6	7	8	9	10	11	12
A DIMENSIONS	.88	1.31	1.75	2.19	2.63	3.06	3.50	3.94	4.38	4.81	5.25	5.69
B DIMENSIONS	1.19	1.63	2.06	2.50	2.94	3.38	3.81	4.25	4.69	5.13	5.56	6.00

All dimensions are in inches

Screw Terminal Combinations
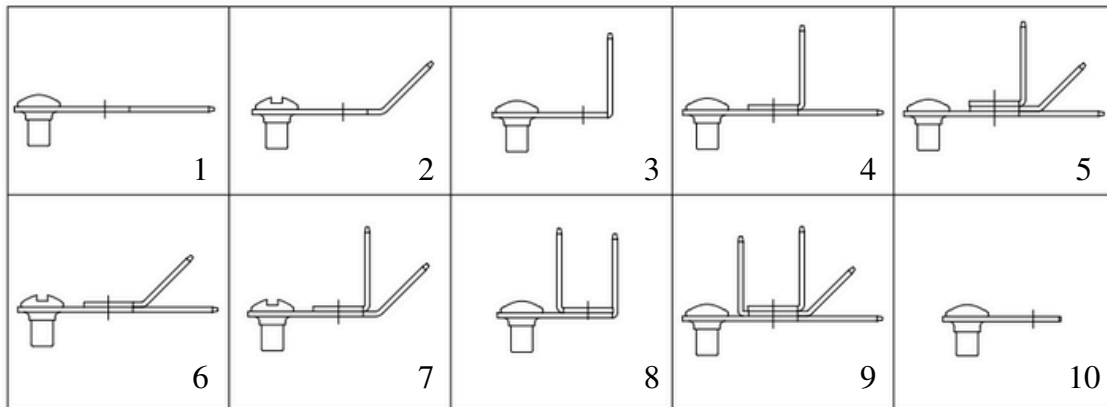
1	2	3	4	5
6	7	8	9	10

Quick Connect Terminal Combinations

11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45

ELD Series
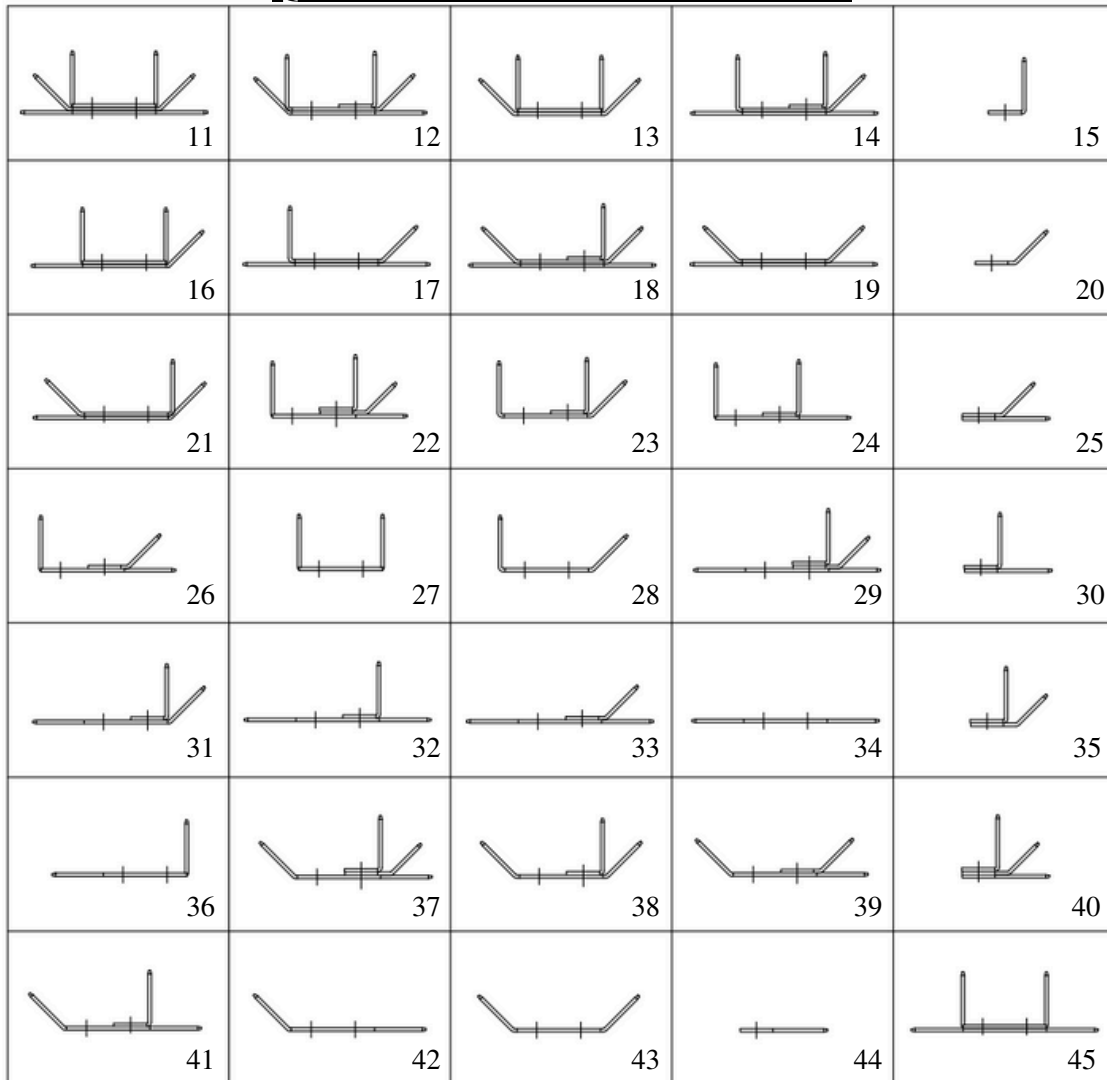
Part Ordering Information ELD Block

If ALL pole combinations are identical, write X after the combination is listed

Pole:	1	2	3	4	5	6	7	8	9	10	11	12

ELD - __ - A B C - A B C - . . . - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

# of Poles:
1 = 1 Pole
2 = 2 Poles
....
12 = 12 Poles

Position A & C Jumper:
Blank = no jumper
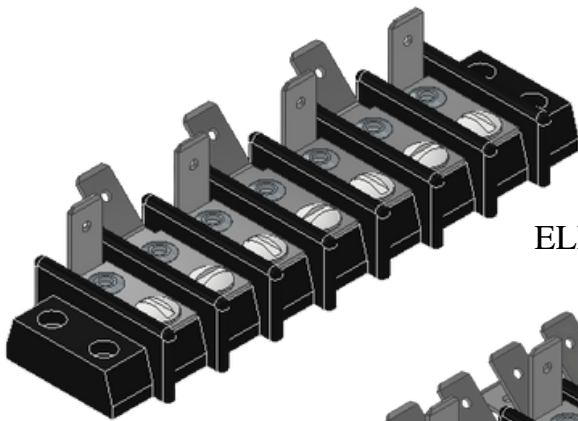J = Jumper

Position B Terminal Combinations:
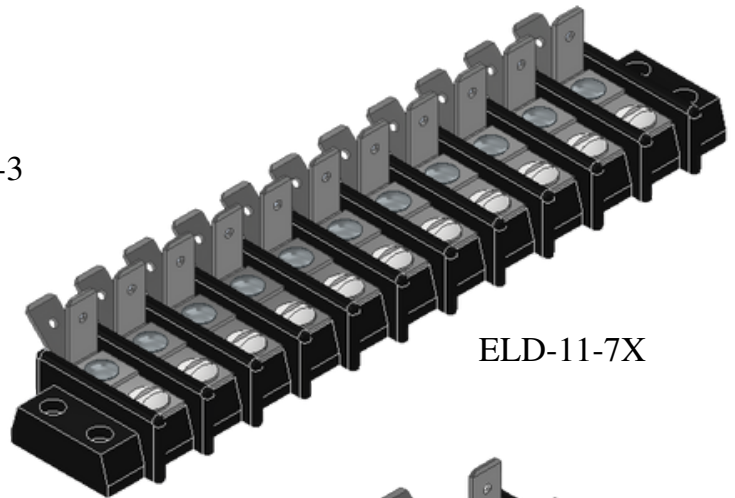0 = empty
1-10 = screw terminal
11-45 = quick connect terminal

Must include J for each pole where a jumper is present!
A jumper covers 2 poles (i.e. Jumper on Pole 1C connects to Pole 2A)
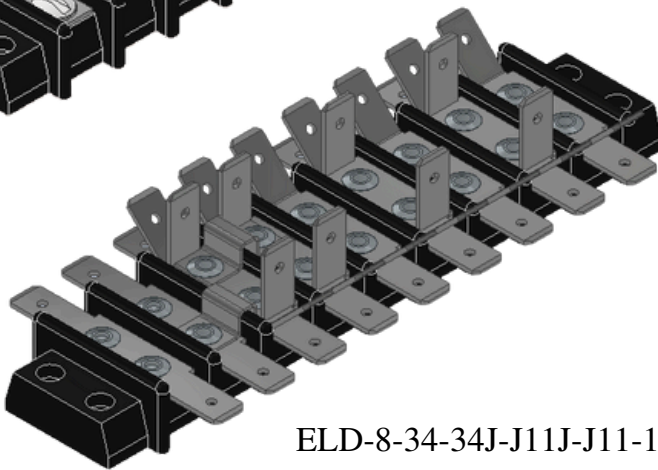*Note: Only need the terminal combinations filled for the number of poles on your block*
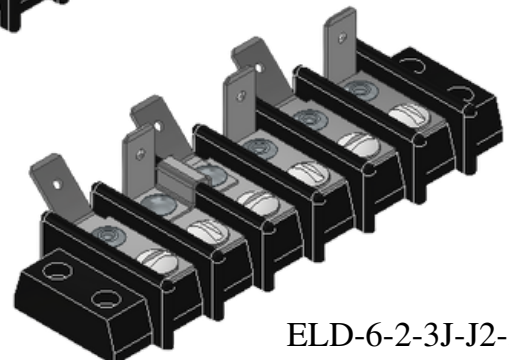
ELD-7-3-2-3-2-3-2-3

ELD-11-7X

ELD-8-34-34J-J11J-J11-19-11-19-11

ELD-6-2-3J-J2-3-2-3

ELD Series

Want to customize this more? Contact us now!

Terminal Identification

Marker Strips:

- Used when direct marking on the plastic block is impractical
- Made of 1/32" thick black phenolic laminate
- Mounts under the terminal block and extends beyond its front edge
- Provides a separate surface for numbering and character marking
- Marked with white etching-type ink
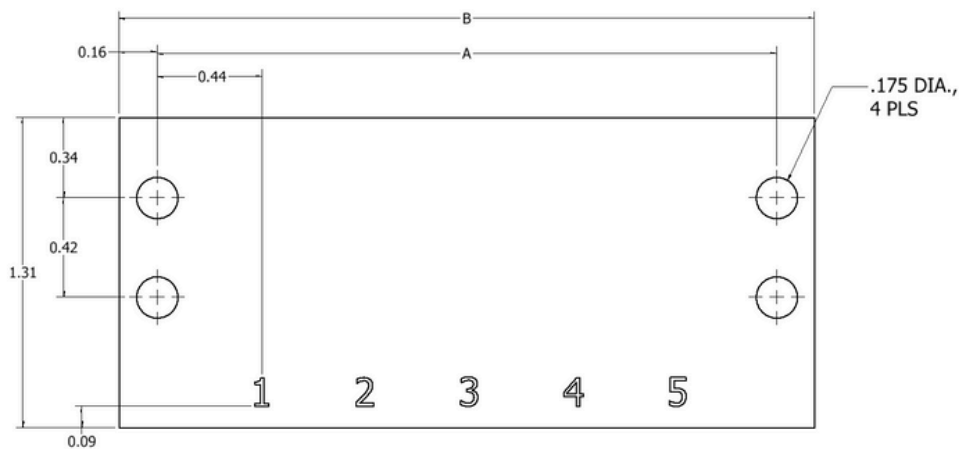- Custom printed to your specifications

Block Printing:

- Most economical marking method
- Characters stamped directly onto the molded block face
- Utilizes special rubber printing plates and white etching-type ink
- Custom marking based on supplied character layout diagram

EL Marker Strip
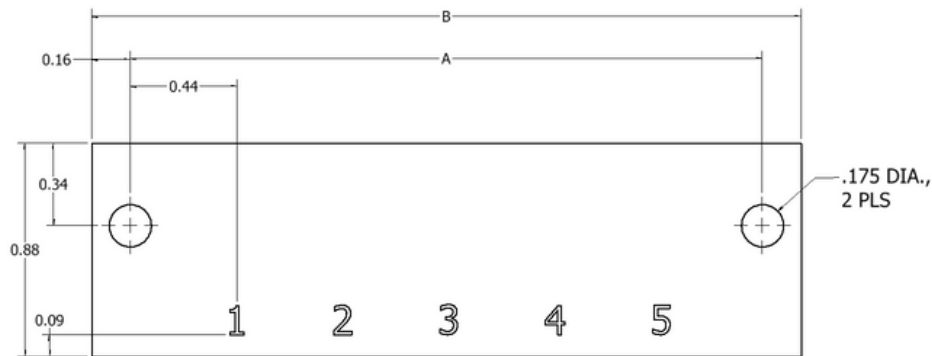
ELD Marker Strip

NO. OF POLES	1	2	3	4	5	6	7	8	9	10	11	12
A DIMENSIONS	.88	1.31	1.75	2.19	2.63	3.06	3.50	3.94	4.38	4.81	5.25	5.69
B DIMENSIONS	1.19	1.63	2.06	2.50	2.94	3.38	3.81	4.25	4.69	5.13	5.56	6.00

All dimensions are in inches

ELD Series

ELEC TRON™

Internal Wiring Junction Block

Ordering #: ELD-12-22X

Compact Double-Row Design: Ideal for combining screw terminals with branch circuit quick-connects

Field Wiring Ready: Designed for easy connection between field wiring and factory quick-connect terminals

Flexible Use: Can serve as an internal junction block for factory-wired branch circuits

Highly Configurable: Over 44 terminal arrangements available per pole

Quick-Connect Option: Also offered with quick-connect terminals only

Screw Terminal Standard: Uses #6-32 plated steel wire binding screws (plain/plated brass optional)

Quick-Connect Specs: .032" x .250" tin-plated brass male tabs

Tab Styles: Single or double tabs available in straight, 45°, or 90° configurations

**Terminal Capacity:** Up to three quick-connect terminals can be combined on a single pole

Durable Base Material: High-temp phenolic base, UL 94V-0 rated for 150°C

Mounting Holes: Four 0.175" holes (two per end) on standard 7/16" center-to-center spacing

Optional Markings: Terminal ID printing available to customer specs

Interchangeable: Compatible with other 7/16" spaced barrier blocks for easy replacement and sourcing
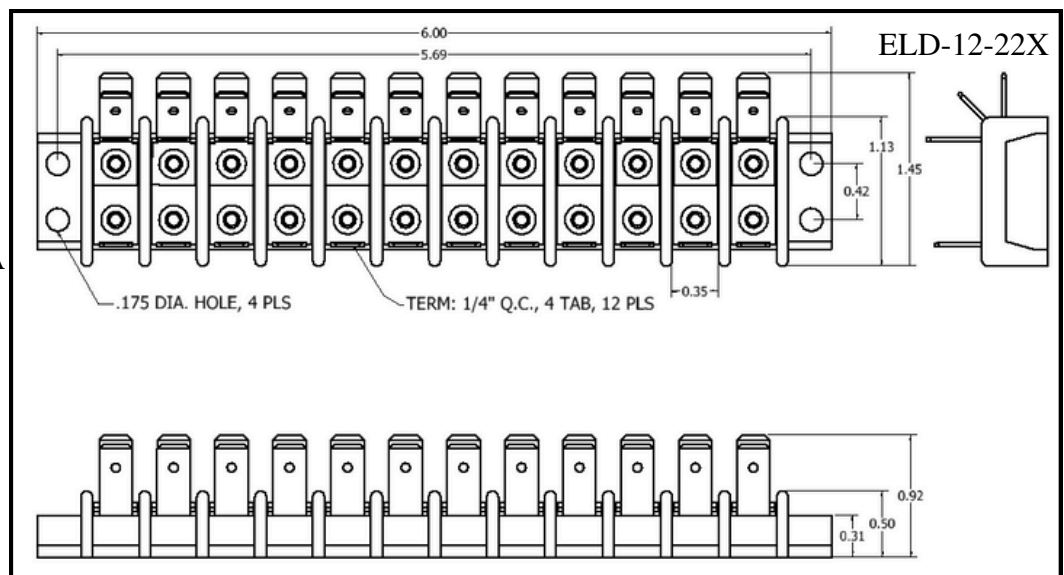
IN STOCK
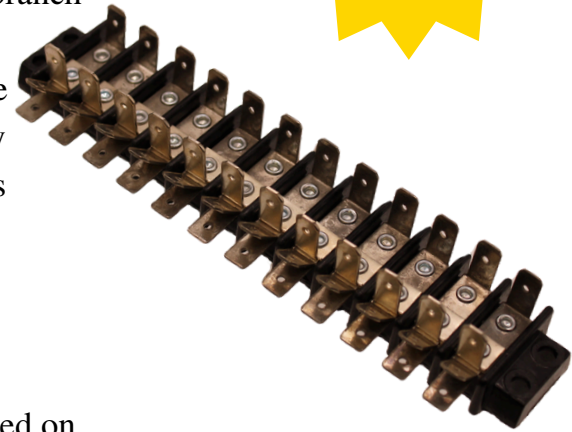
ELD-12-22X Specs

Commercial Appliance: 250V & 20A

General Industrial: 300V & 10A

Temperature Rating: 150°C

Wire Range: #14-18 sol./str. AWG

Wire Type: Copper

ELD-12-22X

6.00
5.69
1.13
1.45
0.42
.175 DIA. HOLE, 4 PLS
TERM: 1/4" Q.C., 4 TAB, 12 PLS
0.35
0.92
0.50
0.31

All dimensions are in inches

ELD Series