

# Amphenol

## Terminal Blocks

### Clamp Blocks Wire to Board 5mm Pitch (1 piece) Terminal Block

High Density, High Temperature pluggable solutions feature a VISE CLAMP wire termination system. Various mounting options are available as well as an individual position keying capability. Intermateable with Industry standard systems.

#### Materials

Housing – 94V-0 PA  
Contact – Brass  
Finish – Tin/Lead  
Spring Clamp – Stainless Steel

#### Electrical

Current – 20A  
Voltage – 300V  
Insulation  $\Omega$  –  $10^3$  Megaohms  
Dielectric Withstand – <1600V

#### Wire Range

Wire Range – #12~28AWG  
Strip Length – 5.6mm

#### Operation

Lever – Finger Operated  
Lever-Less – Flat Screw-Driver

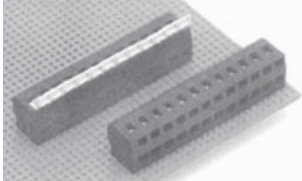
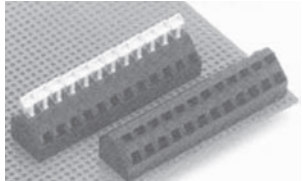
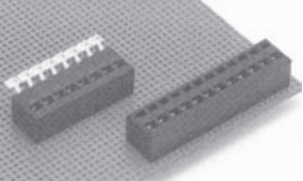
Lever is depressed to insert and remove wire  
Lever-Less - Screw-Driver inserted into actuation slot to insert & Remove

#### Features

Solder Suitability – SMT Reflow/Wave Solder

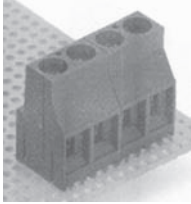
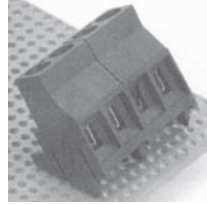
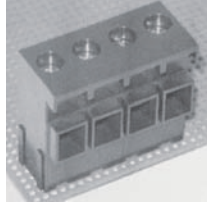
#### Approvals

UR/CSA/TUV/CE

| Representation | Horizontal                                                                        |            | Angled                                                                            |            | Vertical                                                                           |            | Also Available                                                                       |
|----------------|-----------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------|
|                |  |            |  |            |  |            |   |
| Pos            | Part Number                                                                       |            | Part Number                                                                       |            | Part Number                                                                        |            | Pluggable (Plug and Header)<br>.150" (3.81mm) Spring Clamps with<br>or without Lever |
|                | Lever-less                                                                        | Lever      | Lever-less                                                                        | Lever      | Lever-less                                                                         | Lever      |                                                                                      |
| 2              | SCM021100                                                                         | SCM021100L | SCM023100                                                                         | SCM023100L | SCM029100                                                                          | SCM029100L |  |
| 3              | SCM031100                                                                         | SCM031100L | SCM033100                                                                         | SCM033100L | SCM039100                                                                          | SCM039100L |                                                                                      |
| 4              | SCM041100                                                                         | SCM041100L | SCM043100                                                                         | SCM043100L | SCM049100                                                                          | SCM049100L |                                                                                      |
| 5              | SCM051100                                                                         | SCM051100L | SCM053100                                                                         | SCM053100L | SCM059100                                                                          | SCM059100L |                                                                                      |
| 6              | SCM061100                                                                         | SCM061100L | SCM063100                                                                         | SCM063100L | SCM069100                                                                          | SCM069100L |                                                                                      |
| 7              | SCM071100                                                                         | SCM071100L | SCM073100                                                                         | SCM073100L | SCM079100                                                                          | SCM079100L |                                                                                      |
| 8              | SCM081100                                                                         | SCM081100L | SCM083100                                                                         | SCM083100L | SCM089100                                                                          | SCM089100L |                                                                                      |
| 9              | SCM091100                                                                         | SCM091100L | SCM093100                                                                         | SCM093100L | SCM099100                                                                          | SCM099100L |                                                                                      |
| 10             | SCM101100                                                                         | SCM101100L | SCM103100                                                                         | SCM103100L | SCM109100                                                                          | SCM109100L |                                                                                      |
| 11             | SCM111100                                                                         | SCM111100L | SCM113100                                                                         | SCM113100L | SCM119100                                                                          | SCM119100L |                                                                                      |
| 12             | SCM121100                                                                         | SCM121100L | SCM123100                                                                         | SCM123100L | SCM129100                                                                          | SCM129100L | Pluggable (Plug and Header)<br>.200" (5.08mm)<br>Spring Clamps without Lever         |
| 13             | SCM131100                                                                         | SCM131100L | SCM133100                                                                         | SCM133100L | SCM139100                                                                          | SCM139100L |                                                                                      |
| 14             | SCM141100                                                                         | SCM141100L | SCM143100                                                                         | SCM143100L | SCM149100                                                                          | SCM149100L | Variations<br>• Various Colours<br>• Markings<br>• Gold Plating                      |
| 15             | SCM151100                                                                         | SCM151100L | SCM153100                                                                         | SCM153100L | SCM159100                                                                          | SCM159100L |                                                                                      |
| 16             | SCM161100                                                                         | SCM161100L | SCM163100                                                                         | SCM163100L | SCM169100                                                                          | SCM169100L |                                                                                      |
| 17             | SCM171100                                                                         | SCM171100L | SCM173100                                                                         | SCM173100L | SCM179100                                                                          | SCM179100L |                                                                                      |
| 18             | SCM181100                                                                         | SCM181100L | SCM183100                                                                         | SCM183100L | SCM189100                                                                          | SCM189100L |                                                                                      |
| 19             | SCM191100                                                                         | SCM191100L | SCM193100                                                                         | SCM193100L | SCM199100                                                                          | SCM199100L |                                                                                      |
| 20             | SCM201100                                                                         | SCM201100L | SCM203100                                                                         | SCM203100L | SCM209100                                                                          | SCM209100L |                                                                                      |

.200" (5.08mm) version available upon request

### Power Blocks Wire to Board (1 piece) Terminal Block

| 32A/600V<br>.375" (9.52mm)<br>Horizontal<br>Modular                                                                                                                                                                                                                               |             | 32A/600V<br>.375" (9.52mm)<br>Angled<br>Modular                                                                                                                                                                                                                                   |             | 60A/300V<br>.400" (10.16mm)<br>Horizontal<br>Modular                                                                                                                                                                                               |  | 75A/600V<br>15mm<br>Horizontal                                                                                                                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                |             |                                                                                                                                                                                                |             |                                                                                                                                                                |  |                                                                                                                                                               |  |
| <b>Materials</b><br>Housing – Polymide<br>Contact – Copper Alloy<br>Contact Finish – Tin<br>Clamp Screw – Copper alloy<br>Clamp Finish – Nickel<br>Wire Clamp – Copper Alloy<br>Wire Finish – Nickel<br><br><b>Features</b><br>Wire Range – 10~24AWG<br>Approvals – UR/CSA/VDE/CE |             | <b>Materials</b><br>Housing – Polymide<br>Contact – Copper Alloy<br>Contact Finish – Tin<br>Clamp Screw – Copper alloy<br>Clamp Finish – Nickel<br>Wire Clamp – Copper Alloy<br>Wire Finish – Nickel<br><br><b>Features</b><br>Wire Range – 10~24AWG<br>Approvals – UR/CSA/VDE/CE |             | <b>Materials</b><br>Housing – Polymide<br>Contact – Copper Alloy<br>Contact Finish – Tin<br>Clamp Screw – Steel<br>Clamp Finish – Zinc<br>Wire Clamp – Steel<br>Wire Finish – Zinc<br><br><b>Features</b><br>Wire Range – 8~18AWG<br>Positions – 4 |  | <b>Materials</b><br>Housing – Polymide<br>Contact – Copper Alloy<br>Contact Finish – Tin<br>Clamp Screw – Steel<br>Clamp Finish – Zinc<br>Wire Clamp – Steel<br>Wire Finish – Zinc<br><br><b>Features</b><br>Wire Range – 4~16AWG<br>Positions – 3 |  |
| Pos                                                                                                                                                                                                                                                                               | Part Number | Pos                                                                                                                                                                                                                                                                               | Part Number | Part Number                                                                                                                                                                                                                                        |  | Part Number                                                                                                                                                                                                                                        |  |
| 2                                                                                                                                                                                                                                                                                 | ESPM02200   | 2                                                                                                                                                                                                                                                                                 | ESPM02230   | ELMP04041                                                                                                                                                                                                                                          |  | ELMP03150                                                                                                                                                                                                                                          |  |
| 3                                                                                                                                                                                                                                                                                 | ESPM03200   | 3                                                                                                                                                                                                                                                                                 | ESPM03230   |                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                    |  |

PCD

Height of Plugs considered portion above PCB