

# SNK terminal blocks

## The truly smart range



ABB is a global leader in power and automation technologies that enable industry customers to improve their performance while lowering environmental impact. The ABB Group of companies has annual revenues of \$42 Billion and operates in 100 countries, employing 150,000 people worldwide.

### Proven performance

## Reliability

#### Asymmetrically designed with vibration resistance

- Vibration, shock and corrosion resistant
- Redesigned foot secures tightly to the rail
- Asymmetrical design provides an immediate visual check for potential short circuits

### Increase installation

## Efficiency

#### Minimizing footprint

- Compact footprint of PI-Spring block saves space between cable trunks
- 30° wire entry angle reduces height by 15% while still allowing a generous bend radius
- Reduction of SKU's with shared accessories

### Improve application

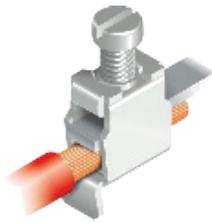
## Productivity

#### Reducing assembly time

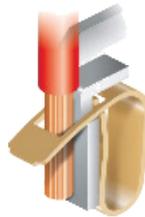
- PI Spring blocks provide 50% faster wiring than screw clamps via direct push-in insertion
- Up to 10 screw blocks can be locked together and snapped onto the rail in a group
- Blocks can be mounted together in groups of 10, but removed individually for maintenance

# Push-in spring

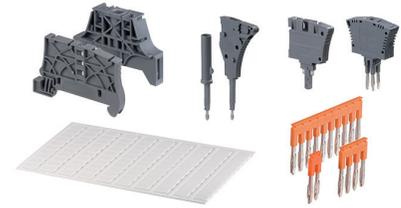
## Smart connection, smart logistics, smart design



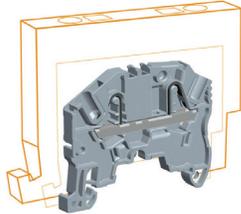
Anti-release screw-clamp holds tight, no re-torquing



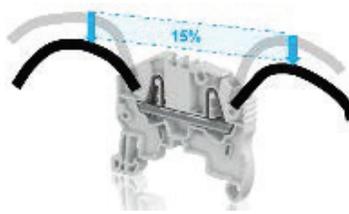
Patented stainless steel spring resists vibration



Common accessories for both ranges



Compact footprint saves cabinet space



Angled wire entry reduces wire height by 15%



Asymmetrical design gives immediate safety check for reversed blocks



|                      | SNK Screw Range  | SNK PI-Spring Range   |
|----------------------|--|---|
| <b>Key Features</b>  | Anti-release screw clamp   | Patented spring with push-in or spring functionality  |
|                      | Feed-through, ground, disconnect, fuse, multiple deck, test & measurement blocks         | Feed-through, ground, disconnect, fuse, multiple deck, multiple connection and pluggable blocks |
|                      | Large, highly visible marking surfaces   | Large, highly visible marking surfaces  |
|                      | Engineered wire entry  | Compact design and angled wire entry  |
|                      | Asymmetrical design  | Asymmetrical design   |
| <b>Environment</b>   | Standard industrial, hazardous, explosive or corrosive environments                      |   |
| <b>Accessories</b>   | Push-in jumpers in 2, 3, 4, 5, 10 and 50 pole; cross-spacing jumpers                     |   |
|                      | Common end sections that fit multiple blocks   |   |
|                      | End stops, circuit separators and shield connectors<br>Component plugs and test adapters |   |
| <b>Wire Range</b>    | 24 - 4/0 AWG UL/CSA; 0.2mm <sup>2</sup> - 95mm <sup>2</sup> IEC                          | 26 - 4 AWG UL/CSA; 0.2mm <sup>2</sup> - 16mm <sup>2</sup> IEC                                   |
| <b>Rated Voltage</b> | 150 - 600 V UL/CSA; 400 - 1000 V IEC   | 300 - 600 - V UL/CSA; 500 - 1000 V (1250VDC) IEC  |

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