

**New!**

# OMNIMATE<sup>®</sup> 2.50 Signal Connectors

A compact, pluggable connection solution for devices

## Flexible Application

Headers provide two outlet directions and connectors are UL/CSA rated for 5A and 150V, ensuring compatibility with most device requirements.

## High Component Density

The compact 2.50 pitch design with PUSH IN clamp for wires 28...20 AWG is perfectly suited for space-saving signal applications.

## Easy Handling

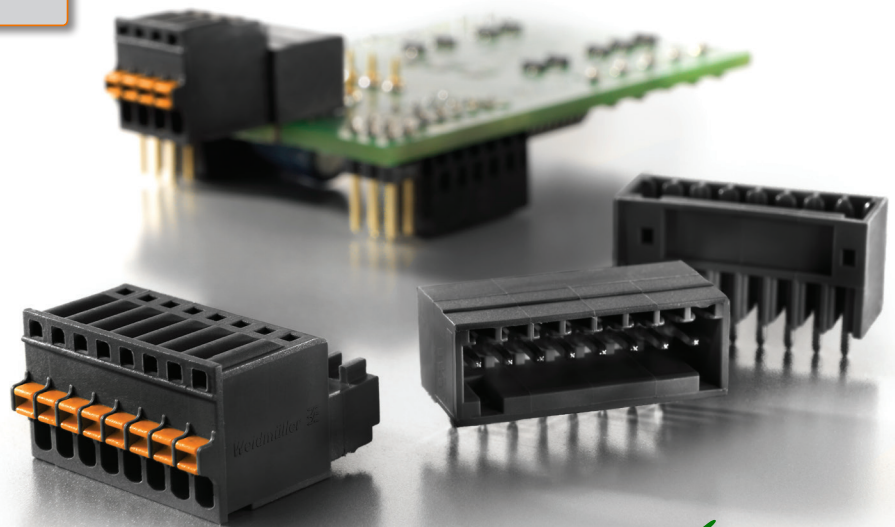
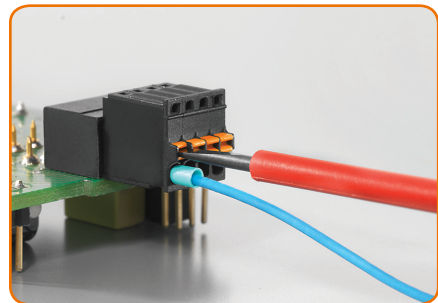
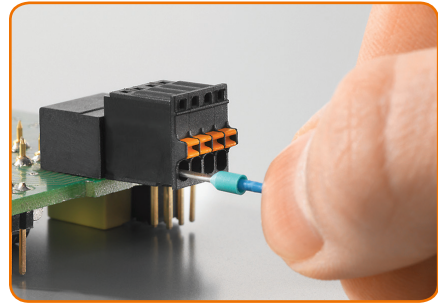
Weidmuller's PUSH IN clamp technology ensures direct insertion for solid or ferruled wires. The clamp can be opened for the connection of stranded wires.

## Reliable

A "pusher" must be depressed above the clamp to release the wire, preventing accidental disconnect.

## User Safe

The touch-safe design includes a test point for user-friendly service measurements.



Let's connect.

[www.weidmuller.com](http://www.weidmuller.com)

**Weidmüller**

# Applications

For controls, I/O systems and signal interfaces in drive technology where compact components with high connection density are required.

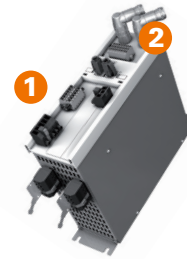
## Industrial Control

Connection of:  
1 - Input Card  
2 - Output Card



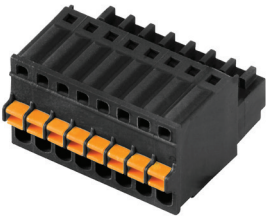

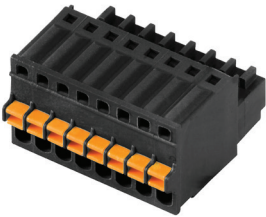



## Motion Control/Industrial Drives

Connection of:  
1 - Safety Circuit  
2 - External I/Os



# Product Types

	Type	Description	Pole	Part Number
  UL/CSA: 5A/150V	SL 2.50/02/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	2	<b>2439660000</b>
	SL 2.50/03/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	3	<b>2439760000</b>
	SL 2.50/04/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	4	<b>2439770000</b>
	SL 2.50/05/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	5	<b>2439780000</b>
	SL 2.50/06/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	6	<b>2439790000</b>
	SL 2.50/07/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	7	<b>2439800000</b>
	SL 2.50/08/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	8	<b>2439810000</b>
	SL 2.50/09/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	9	<b>2439820000</b>
	SL 2.50/10/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	10	<b>2439830000</b>
	SL 2.50/11/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	11	<b>2439840000</b>
	SL 2.50/12/90G 3.2SN BK BX	Header, 90° closed, pin length 3.2mm	12	<b>2439850000</b>
	  UL/CSA: 5A/150V	SL 2.50/02/180G 3.2SN BK BX	Header, 180° closed, pin length 3.2mm	2
SL 2.50/03/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	3	<b>2439920000</b>
SL 2.50/04/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	4	<b>2439930000</b>
SL 2.50/05/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	5	<b>2439940000</b>
SL 2.50/06/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	6	<b>2439950000</b>
SL 2.50/07/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	7	<b>2439960000</b>
SL 2.50/08/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	8	<b>2439970000</b>
SL 2.50/09/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	9	<b>2439980000</b>
SL 2.50/10/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	10	<b>2439990000</b>
SL 2.50/11/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	11	<b>2440000000</b>
SL 2.50/12/180G 3.2SN BK BX		Header, 180° closed, pin length 3.2mm	12	<b>2440010000</b>
  UL/CSA: 5A/150V		BLF 2.50/02/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	2
	BLF 2.50/03/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	3	<b>2439650000</b>
	BLF 2.50/04/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	4	<b>2439670000</b>
	BLF 2.50/05/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	5	<b>2439680000</b>
	BLF 2.50/06/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	6	<b>2439690000</b>
	BLF 2.50/07/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	7	<b>2439700000</b>
	BLF 2.50/08/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	8	<b>2439710000</b>
	BLF 2.50/09/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	9	<b>2439720000</b>
	BLF 2.50/10/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	10	<b>2439730000</b>
	BLF 2.50/11/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	11	<b>2439740000</b>
	BLF 2.50/12/180 SN BK BX	Plug, 180°, push in clamp 28...20 AWG	12	<b>2439750000</b>

# Information

Information is available for download on the web at [www.weidmuller.com/omnimatesignal2.50](http://www.weidmuller.com/omnimatesignal2.50).

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