

■ PCB Connectors

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Lever-actuated PCB terminal blocks add a new dimension of convenience to conductor connections

The new LPTA 16 series offers a tool-free lever connection technology that is ideal for on-site device connections. The consistent product family of PCB terminal blocks combines the high-level ease of use of lever actuation with the reliable push-in spring connection. In the growing markets of regenerative energies, electrical drives, and electromobility charging infrastructure, drives need to be connected quickly and safely.

Features and benefits

- Tool-free lever operation saves time during connection and release of conductors with or without ferrules
- Angled wire entry allows for space savings within the application
- A color-coded actuation lever enables intuitive operation in the field
- The defined contact force ensures reliable, long-term, stable contacting
- Voltage range up to 600 V (Use Group B, C) and 1000 V (Use Group F)
UL enables use in drive technology, photovoltaics, energy storage, and charging technology

Technical data

- 1 to 6 positions
- Wire range to 4 AWG
- 10.0-mm or 15.0-mm centerline
- Rated to 600 V (Use Group B, C) and 1000 V (Use Group F)
- Current rated to 66 A (10 mm) and 72 A (15 mm)
- UL Recognized Component

Potential applications

- Electromobility charging infrastructure
- Automation technology
- Transportation technology
- Telecommunications
- Drive technology



DEVICE CONNECTORS

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Part number	Description	Pos	Spacing
1333816	LPTA 16/ 1-10,0	1	10
1333817	LPTA 16/ 2-10,0-ZB	2	10
1333818	LPTA 16/ 3-10,0-ZB	3	10
1333821	LPTA 16/ 4-10,0-ZB	4	10
1333822	LPTA 16/ 5-10,0-ZB	5	10
1333823	LPTA 16/ 6-10,0-ZB	6	10
1333826	LPTA 16/ 7-10,0-ZB	7	10
1333827	LPTA 16/ 8-10,0-ZB	8	10
1333870	LPTA 16/ 2-15,0-ZB	2	15
1333871	LPTA 16/ 3-15,0-ZB	3	15
1333872	LPTA 16/ 4-15,0-ZB	4	15
1333873	LPTA 16/ 5-15,0-ZB	5	15

Learn more about the LPTA products at www.phoenixcontact.com/pcb and search “LPTA”.