OMNIMATE® Power Terminal LUF and LUFS 10.00

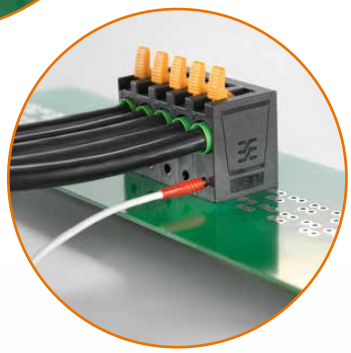
Fast and Reliable Connection of Power Electronic Devices

Two Handling Options

Both LUF and LUFS 10.00 feature Weidmuller's PUSH IN connection system for wiring of solid or ferruled wires from 18AWG to 6AWG with optional tool free actuating lever (LUFS) or screw driver push-button actuated clamp (LUF).

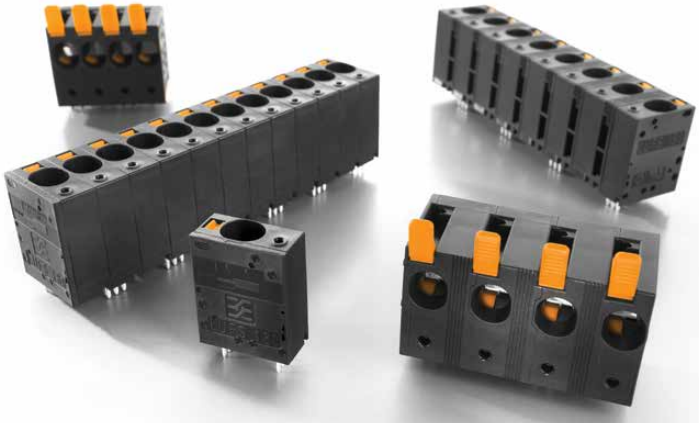
High System Integrity

From easily accessible diagnostic testing points to wire connection with low force to the circuit board, the LUF and LUFS 10.00 terminals ensure the integrity of the PCB board and the electrical connection.



Suitable for High Power Applications

LUF and LUFS 10.00 are UL/CSA rated for up to 61A and 600V according to UL 1059. Specific ratings apply for the commercial, general industrial and industrial device groups.



Reliability by Design

The PUSH IN contact system closes automatically after being opened, ensuring that the wire is always safely connected.

C US RoHS COMPLIANT WAVE

Let's connect.

Weidmüller

www.weidmuller.com

Applications

For high power device applications where reliable components with increased safety features for high voltage are required, such as drive controllers, radio base stations and photovoltaic inverters.

Connection of
1 - Power Supply and
2 - Motor Connections

Drive Controllers

Connection of
1 - Power Supply and
2 - Cross Connections

Radio Base Stations

Connection of
1 - DC Input and
2 - AC Output

Photovoltaic Inverters

Featured Product Types

Variant - Image	Push In Actuation	Wire Gauge	Poles	Pins per Pole	Pitch mm/in	Pin Length mm/in	90° Part No.	180° Part No.
LUF								
	Lever	18...6 AWG	1	4	10/.3937	5/.1969	**1988590000**	**N/A**
	Lever	18...6 AWG	2	4	10/.3937	5/.1969	**1988600000**	**N/A**
	Lever	18...6 AWG	3	4	10/.3937	5/.1969	**1988610000**	**N/A**
	Lever	18...6 AWG	4	4	10/.3937	5/.1969	**1988620000**	**N/A**
	Lever	18...6 AWG	5	4	10/.3937	5/.1969	**1988630000**	**N/A**
	Lever	18...6 AWG	6	4	10/.3937	5/.1969	**1988640000**	**N/A**
	Lever	18...6 AWG	7	4	10/.3937	5/.1969	**1988650000**	**N/A**
	Lever	18...6 AWG	8	4	10/.3937	5/.1969	**1988660000**	**N/A**
	Lever	18...6 AWG	9	4	10/.3937	5/.1969	**1988670000**	**N/A**
	Lever	18...6 AWG	10	4	10/.3937	5/.1969	**1988680000**	**N/A**
	Lever	18...6 AWG	11	4	10/.3937	5/.1969	**1988690000**	**N/A**
	Lever	18...6 AWG	12	4	10/.3937	5/.1969	**1988700000**	**N/A**
	Lever	18...6 AWG	2	2	10/.3937	5/.1969	**2453690000**	**N/A**
	Lever	18...6 AWG	3	2	10/.3937	5/.1969	**2453700000**	**N/A**
	Lever	18...6 AWG	4	2	10/.3937	5/.1969	**2453710000**	**N/A**
	Lever	18...6 AWG	5	2	10/.3937	5/.1969	**2453720000**	**N/A**
	Lever	18...6 AWG	6	2	10/.3937	5/.1969	**2453730000**	**N/A**
	Lever	18...6 AWG	7	2	10/.3937	5/.1969	**2453740000**	**N/A**
	Lever	18...6 AWG	8	2	10/.3937	5/.1969	**2453750000**	**N/A**
	Lever	18...6 AWG	9	2	10/.3937	5/.1969	**2453760000**	**N/A**
	Lever	18...6 AWG	10	2	10/.3937	5/.1969	**2453770000**	**N/A**
4 Pins per Pole - UL/CSA: 61A/300V	Lever	18...6 AWG	11	2	10/.3937	5/.1969	**2453780000**	**N/A**
2 Pins per Pole - UL/CSA: 58A/600V	Lever	18...6 AWG	12	2	10/.3937	5/.1969	**2453790000**	**N/A**
LUFS								
90° **180°**	Push Button	18...6 AWG	1	6	10/.3937	5/.1969	**2500560000**	**2491810000**
	Push Button	18...6 AWG	2	3	10/.3937	5/.1969	**2499430000**	**2492110000**
	Push Button	18...6 AWG	3	3	10/.3937	5/.1969	**2500460000**	**2492120000**
	Push Button	18...6 AWG	4	3	10/.3937	5/.1969	**2500470000**	**2492130000**
	Push Button	18...6 AWG	5	3	10/.3937	5/.1969	**2500480000**	**2492140000**
	Push Button	18...6 AWG	6	3	10/.3937	5/.1969	**2500490000**	**2492150000**
	Push Button	18...6 AWG	7	3	10/.3937	5/.1969	**2500500000**	**2492160000**
	Push Button	18...6 AWG	8	3	10/.3937	5/.1969	**2500510000**	**2492170000**
	Push Button	18...6 AWG	9	3	10/.3937	5/.1969	**2500520000**	**2492180000**
	Push Button	18...6 AWG	10	3	10/.3937	5/.1969	**2500530000**	**2492190000**
6 Pins per Pole - UL/CSA: 61A/600V	Push Button	18...6 AWG	11	3	10/.3937	5/.1969	**2500540000**	**2492200000**
3 Pins per Pole - UL/CSA: 58A/600V	Push Button	18...6 AWG	12	3	10/.3937	5/.1969	**2500550000**	**2492210000**

Information

Information is available for download on the web at **www.weidmuller.com.**

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