

LUMAWISE POWER INPUT TERMINAL BLOCK

TE Connectivity (TE)'s LUMAWISE Power Input Terminal Block (TB) offers a noteworthy, highly engineered wire termination alternative to traditional terminal blocks utilized in LED outdoor lighting luminaires and HID (High Intensity Discharge) luminaires that include HPS

(High Pressure Sodium) and MHL (Metal Halide Lamps) that are rapidly transitioning to LED luminaires. TE's advanced design replaces power entry aluminum lug screw connections with rising vice clamp screw connections and quick connect tabs and receptacle wire connections with lever actuated spring cage clamp poke-in wire connections.

LUMAWISE TB provides 3 power input connections and multi-position signal connections inside of LED roadway, street and area luminaires. The terminal block rising vice clamp screw design accepts 6AWG - 14AWG solid and stranded copper and aluminum input wires. The lever actuated poke-in wire spring clamp design accepts 12AWG - 18AWG solid and stranded copper output wires. The LUMAWISE TB is designed with 2 side mounting hole slots to facilitate a drop in replacement of legacy terminal blocks.

BENEFITS

- Helps simplify input wire and multi-wire output connections
- Lever actuated spring clamp poke-in wire connections are more ergonomically operator friendly than quick connect tabs and receptacles
- Accepts ANSI compliant 6AWG - 14AWG solid and stranded aluminum and copper input wires
- Accepts 12AWG - 18AWG solid and stranded copper output wires
- Captive screw design in rising vice clamps prevent dislodged or lost screws

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FEATURES

- Rising vice clamp screw power input connections
- Terminal captive screw in rising vice clamp connection
- Lever actuated spring clamp poke-in output connections
- Multi-wire lever actuated output connection remains in open position hands free
- Multi-wire lever must be actuated to closed position to secure poke-in wire connections

APPLICATIONS

- Roadway, street and area lighting luminaires
- Commercial lighting (i.e. parking lots, car dealerships, etc)
- Decorative lighting luminaires
- Wallpack lighting fixtures
- Wall wash lighting fixtures

MECHANICAL

- -40°C to 105°C environmental rating
- Input: 3 positions accept 6AWG - 14AWG solid and stranded aluminum and copper wires
- Output: accepts up to three 12AWG - 18AWG solid or stranded copper wires per input position

PART NUMBER LIST

Part number	Part description
2382635-1	LUMAWISE Power Input Block

ELECTRICAL

- 15A, 480VAC

MATERIALS

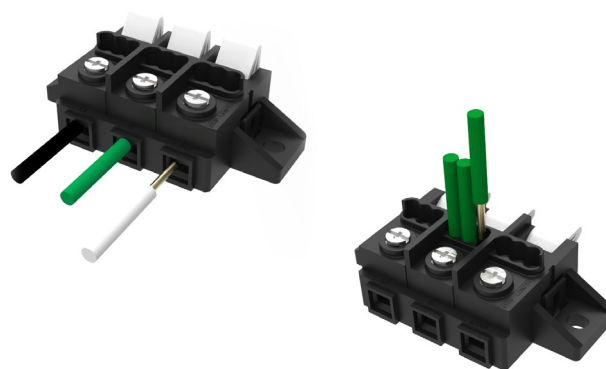
- Housing, lever and cover: Polybutylene terephthalate (PBT)
- Spring contact: stainless steel
- Contacts: copper alloy, tin plated
- Screw: steel, zinc plated

STANDARDS

- UL 1059: terminal block
- ANSI C136.14 compliant

SPECIFICATIONS

- Product spec: [108-160129](#)
- Application spec: [114-160073](#)



Contact Our Product Team

We make it easy to connect with our experts and are ready to provide the support you need. Visit te.com/support to chat with a Product Information Specialist.

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