

LUMAWISE POWER INPUT TERMINAL BLOCK

TE Connectivity (TE)'s LUMAWISE Power Input Terminal Block (TB) offers a unique, 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 innovative design replaces power entry aluminum lug screw connections with rising vice clamp screw connections and signal output wire FASTON Tab and Receptacle wire connections with lever actuated spring cage clamp 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 6 - 14 AWG solid and stranded copper input wires. The lever actuated poke-in wire spring clamp design accepts 12 - 18 AWG solid and stranded copper output wires. LUMAWISE TB is designed with 2 sided mounting hole slots to facilitate a drop in replacement of legacy terminal blocks.

BENEFITS

- Simplifies input wire and multi-wire output connections
- Lever actuated spring clamp wire connections are more ergonomically operator friendly than FASTON receptacle to tab connections
- Accepts ANSI compliant 6 - 14 AWG solid and stranded copper input wires
- Accepts 12 - 18 AWG solid and stranded copper output wires
- Captive screw design in rising vice clamps prevent dislodged or lost screws

LUMAWISE Power Input Terminal Block

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 wire connections

APPLICATIONS

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

MECHANICAL

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

PART NUMBER LIST

Part Number	Part Description
<u>2382635-1</u>	LUMAWISE Power Input Block

ELECTRICAL

- 15A, 480VAC

MATERIALS

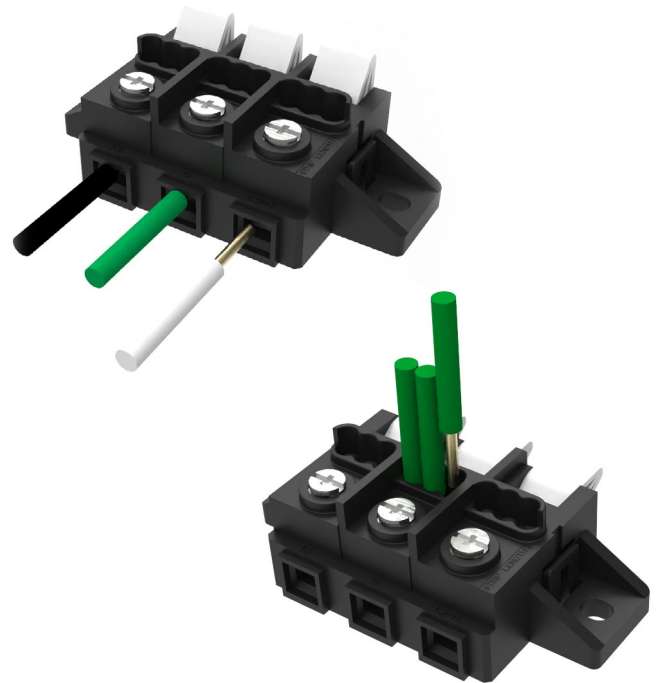
- **Housing, lever and cover:** PBT
- **Spring contact:** Stainless steel
- **Contacts:** Copper alloy, tin plated
- **Screw:** Steel, zinc plated

STANDARDS

- **UL 1059:** Terminal Block
- ANSI C136.14 compliant

SPECIFICATIONS

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



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