



LED Connection Technology

For LED Drivers, Modules and Lights

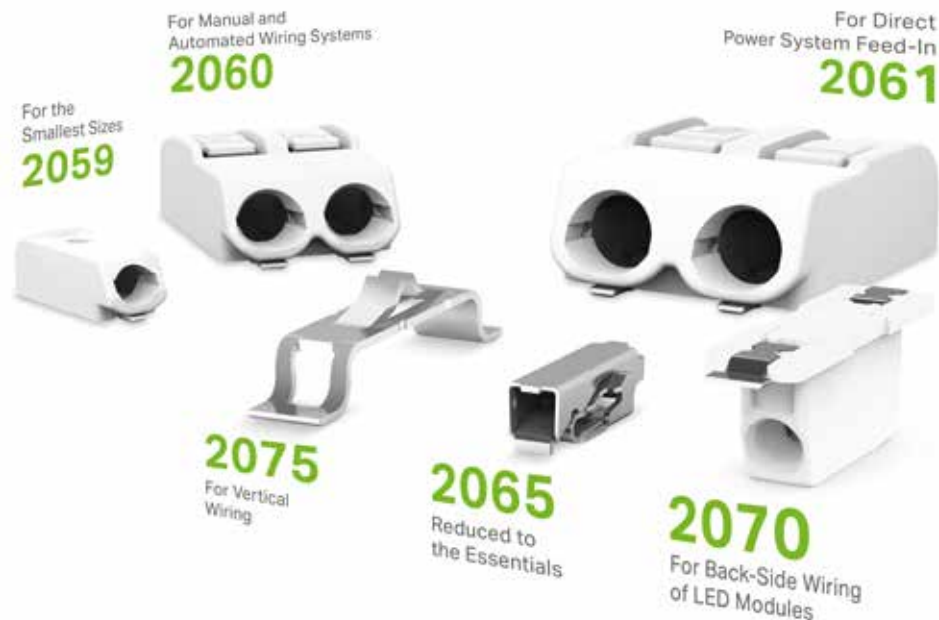


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ELECTRONICS

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SMD PCB TERMINAL BLOCKS

for LED Modules and Drivers

2059 Series – For the Smallest Sizes

- Conductor range: 26 ... 20 AWG (0.14 ... 0.5 mm²)*, solid
- Low profile of just 2.7 mm minimizes shadowing
- Push-in termination of solid conductors
- Easy conductor removal via operating tool
- Side-by-side assembly without pole loss

2060 Series – For Manual and Automated Wiring Systems

- Conductor range: 0.2 ... 0.75 mm² (24 ... 18 AWG)
- Low profile of just 4.5 mm minimizes shadowing
- Push-in termination of solid conductors
- Push-buttons simplify insertion/removal of all conductor types
- Board-to-board links simplify in-line connection of LED modules
- Side-by-side assembly without pole loss
- Ideal for automated wiring systems

2061 Series – For Direct Power System Feed-In

- Conductor range: 0.5 ... 1.5 mm² (20 ... 16 AWG)
- Push-in termination of solid conductors
- Push-buttons simplify insertion/removal of all conductor types
- Ideal for automated wiring systems
- Side-by-side assembly without pole loss

2065 Series – Reduced to the Essentials

- Conductor range: 0.2 ... 0.75 mm² (24 ... 18 AWG)
- Maximum conductor size, minimum installation space
- Compact design minimizes on-board LED shadowing
- A reliable alternative to wire soldering
- Push-in termination of solid conductors
- Easily terminate/remove all conductor types via operating tool

2070 Series – For Back-Side Wiring of LED Modules

- Shift the wiring to the back of the LED modules
- Low profile of just 1.1 mm on top of the PCB minimizes shadowing
- Easy pick-and-place assembly and minimum shadowing via optional cover
- Optional marking of the clamping point helps prevent wiring errors
- Clearance and creepage distances for use up to 500 V per EN 60598-1
- For manual and automated wiring systems

2075 Series – For Vertical Wiring

- Conductor range: 0.5 ... 0.75 mm² (20 ... 18 AWG)
- Wiring performed on the back of the LED board simplifies lighting manufacturing
- Low profile minimizes on-board LED shadowing
- Compact design provides uniform light distribution
- An economic alternative to wire soldering
- For manual and automated wiring systems

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*0.5 mm² / 20 AWG "sol":

Please observe the usage and installation notes found in the data sheet.

PCB TERMINAL BLOCKS AND PLUGGABLE CONNECTORS

for LED Drivers



250 Series – For Streamlined Connection and Disconnection of All Conductor Types

- Conductor range: 0.2 ... 1.5 mm² (24 ... 16 AWG)
- Save time via push-in termination of solid conductors, also suited to automated wiring systems
- 45° conductor entry angle provides easy, space-saving wiring
- Push-buttons simplify manual insertion/removal of all conductor types



805 Series – For Every Purpose

- Conductor range: 0.2 ... 1.5 mm² (24 ... 16 AWG)
- Flush-mount push-buttons that close with minimal force for extremely convenient termination/removal of fine-stranded conductors
- Internal potential commoning (optional)
- Push-in termination of solid conductors, also suited to automated wiring systems



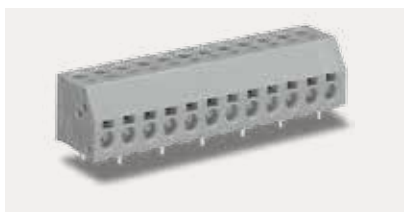
744 Series – Streamlined for Automated Wiring

- Conductor range: 0.5 ... 1.5 mm² (20 ... 16 AWG), solid
- Push-in termination of solid conductors, also suited to automated wiring systems
- Just 6.4 mm tall



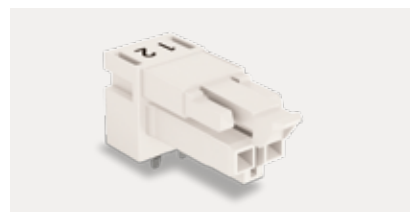
804 Series – For Large Conductors

- Conductor range: 0.25 ... 2.5 mm² (20 ... 12 AWG)
- Internal potential commoning (optional)
- Push-in termination of solid conductors



253 Series – For Wiring from Different Directions

- Conductor range: 0.5 ... 1.5 mm² (20 ... 16 AWG), solid
- Push-in termination of solid conductors
- Connections for top-entry (vertical) and/or side-entry (horizontal) wiring



WINSTA® MINI – For Pluggable Connections

- Various coding options for power and control lines
- Easy replacement of LED drivers and LED light engines
- Compact pluggable connectors: 4.4 mm pin spacing

FIELD-WIRING TERMINAL BLOCKS

for LED Lights

Universal Field-Wiring Connection for All Conductor Types:

- Conductor range: 0.5 ... 2.5 mm² (18 ... 14 AWG), stranded and fine-stranded
- Conductor range: 0.5 ... 2.5 mm² (AWG 18 ... 12), solid
- Ground contact versions: direct, screw-type and snap-in contact
- Snap-on type strain relief housings can be retrofitted
- Standard strip lengths, independent of cross-section



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221 Series – For Compact LED Module- to-Driver Connections

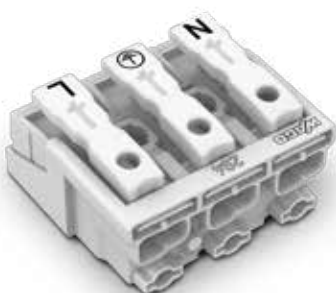
- Connect all conductor types without preparing them
- Conductor range: 0.14 ... 4 mm² (24 ... 12 AWG)
- Versions for 2, 3 and 5 conductors
- Intuitive, tool-free operation via lever
- Space-saving design

294 Series Linect® – For Universal Light Connections

- 2- to 5-pole configurations for all connection types:
- Pluggable installation, e.g., via WINSTA® Linect® T-Connector
- Conventional installation via pluggable Linect® Lighting Connector
- Conventional installation directly at the lighting connector
- Streamlined mounting via Linect® snap-in foot
- Uniform coding and printing for mains, emergency lighting and dimming



www.linect.com



294 Series – For Universal Field-Wiring Connections

- 2- to 5-pole configurations
- Versions available with mounting holes or snap-in mounting feet
- Third contact at bottom up to 0.75 mm²
- Custom printing available, e.g., for mains, emergency lighting and dimming



LED CONNECTION TECHNOLOGY FROM WAGO

A Bright Spot in the Lighting Industry

Today, modern lighting technology bridges the gap between well-being, economical operation and aesthetics. This has made advanced connection technologies a critical part of every lighting system. Ingeniously designed, WAGO connectors guarantee fast and reliable electrical terminations, as well as trouble-free operation over the entire lifetime of the lights.

The demands placed on connection technology are high – especially for LED applications. LED lighting opens up new possibilities, and these must be factored into the design and functionality of connectors. Adding to this complexity, connections must be convenient and user-friendly.

Connect with WAGO:

- Innovative concepts and solutions for the lighting industry
- Easy-to-use design saves installation time
- Proven spring pressure termination technology provides maintenance-free connections
- Certified processes and products that set high quality standards
- Worldwide product availability
- Worldwide commercial and technical support



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