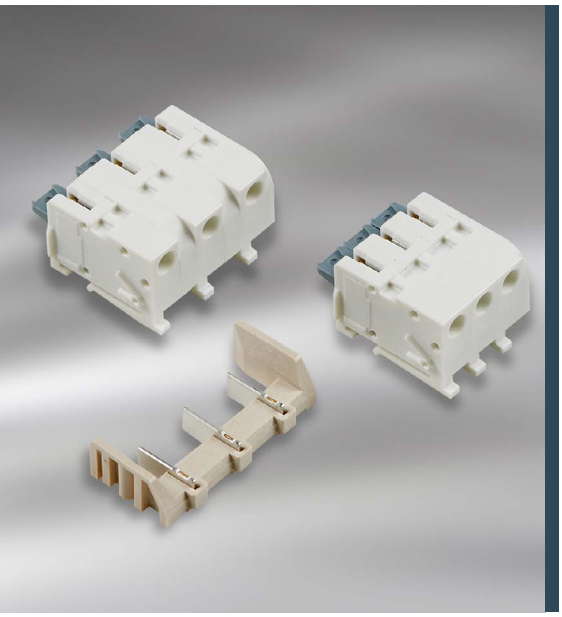


# BUCHANAN WIREMATE TWO-PIECE POKE-IN SERIES

TE Connectivity's (TE) BUCHANAN WireMate two-piece poke-in series provides designers with a three directional solution for wall mounting a device, enhancing the overall installation experience for novice installers. Wires are routed through an opening in the wall to TE's BUCHANAN WireMate connector mounted on a wall plate. The wires are stripped of insulation and easily inserted into the terminal block device, ensuring a reliable termination without the need for tooling. Wire extraction is also made easy with simple levers that release individual wires. The mating header is surface mounted to the PCB in the device, which is to be mounted on the wall. The two-piece combination allows for wall mounting of a device in three different directions: into the wall, along the wall, and with a twist or rotating motion.

## ELECTRICAL

- Current Rating: 5A (18 AWG); 3A (20-24 AWG)
- Voltage Rating: 250 VAC

## MECHANICAL

- 2mm panel thickness
- 18-24 AWG (solid); 18-22 AWG (stranded*)
- 10mm height (from wall plate to PCB)

## SPECIFICATIONS

- Product specification: 108-133105
- Application specification: 114-133111 (header) 114-133105 (connector)
- UL E60677

## MATERIALS

- Header: Liquid Crystal Polymer (LCP) (UL-94 V0)
- Connector housing: Polybutylene Terephthalate (PBT)
- Contact: Cu-alloy, Sn plated
- Operating temperature: -40 to 85˚C

## BENEFITS

- Installation time-saving with poke-in termination versus screw style termination
- Simple lever design for release of one wire at a time
- Provides flat connector surface reserved for wire marking (color options available)
- Allows easy wiring for home installation with tool-less poke-in wire termination
- Achieve a clear point of entry for wire insertion
- Improve installation experience with three mating directions

## APPLICATIONS

Thermostat

Smoke Detectors

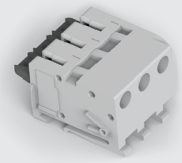
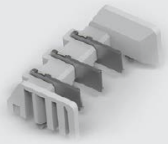
Control Panels

Environmental Monitors

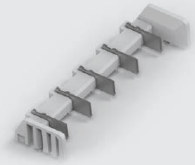
*Submitted to UL

## PRODUCT SELECTION INFORMATION

### 5MM CONNECTOR mates with 5MM HEADER

| Positions | Connector PN's | Description | Positions | Header PN's | Description |
|---|---|---|---|---|---|
| 2 | 2319461-2 | BUCHANAN WireMate Two-Piece Poke-In Connector  2319461-3 | 2 | 2318770-2 | BUCHANAN WireMate Two-Piece Poke-In Header  2318770-3 |
| 3 | 2319461-3 | | 3 | 2318770-3 | |
| 4 | 2319461-4 | | 4 | 2318770-4 | |
| 5 | 2319461-5 | | 5 | 2318770-5 | |
| 6 | 2319461-6 | | 6 | 2318770-6 | |
| 7 | 2319461-7 | | 7 | 2318770-7 | |
| 8 | 2319461-8 | | 8 | 2318770-8 | |

### 8MM CONNECTOR mates with 8MM HEADER

| Positions | Plug PN's | Description | Positions | Header PN's | Description |
|---|---|---|---|---|---|
| 2 | 2318582-2 | BUCHANAN WireMate Two-Piece Poke-In Connector  2318582-5 | 2 | 2318136-2 | BUCHANAN WireMate Two-Piece Poke-In Header  2318136-5 |
| 3 | 2318582-3 | | 3 | 2318136-3 | |
| 4 | 2318582-4 | | 4 | 2318136-4 | |
| 5 | 2318582-5 | | 5 | 2318136-5 | |
| 6 | 2318582-6 | | 6 | 2318136-6 | |
| 7 | 2318582-7 | | 7 | 2318136-7 | |
| 8 | 2318582-8 | | 8 | 2318136-8 | |

Learn More

Contact Our Product Team

## te.com/buchanan-wiremate-connectors

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Published 03-25