

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 verses 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

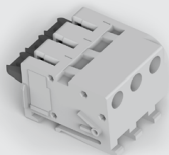
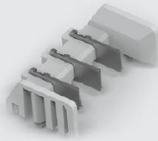
*Submitted to UL

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PRODUCT SELECTION INFORMATION


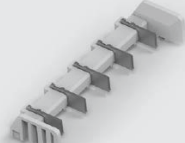
5MM CONNECTOR

mates with 5MM HEADER

Positions	Connector PN's	Description	Positions	Header PN's	Description
2	2319461-2	BUCHANAN WireMate Two-Piece Poke-In Connector 	2	2318770-2	BUCHANAN WireMate Two-Piece Poke-In Header 
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	
		2319461-3			2318770-3

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 	2	2318136-2	BUCHANAN WireMate Two-Piece Poke-In Header 
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	
		2318582-5			2318136-5



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