

BUCHANAN WireMate TWO-PIECE POKE-IN SERIES

TE Connectivity's (TE) BUCHANAN WireMate two-piece poke-in series of products provide designers a three directional solution for wall mounting a device and improve the overall installation experience for the novice installer. 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 poked into the terminal block device providing a reliable termination without the need for tooling. Wire extracting is also made easy, with simple levers to release individual wires. The mating header is surface mount attached to the PCB in the device to be mounted on the wall. The two-piece combination allows wall mounting of a device in three different directions; into the wall, along the wall and in a twist or rotating motion.

Applications

- Thermostats
- Smoke detectors
- Control panels
- Environmental monitors

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)

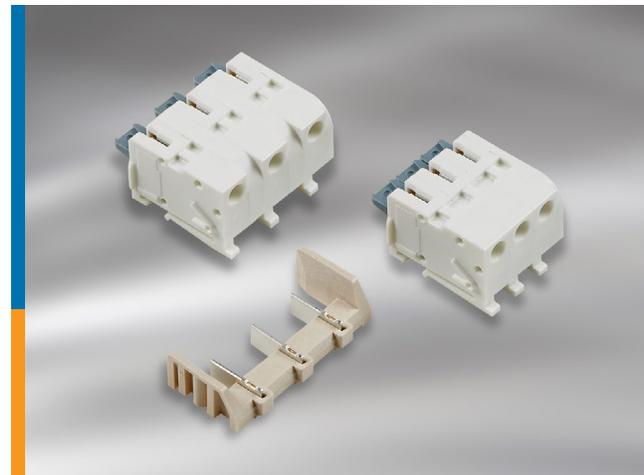
Specifications

- **Product specification:** [108-133105](#)
- **Application specification:** [114-133111](#) (header)
[114-133105](#) (connector)
- UL E60677

Materials

- **Header:** LCP (UL-94 VO)
- **Connector housing:** PBT
- **Contact:** Cu-alloy, Sn plated
- **Operating temperature:** -40 to 85°C

*Submitted to UL



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

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	

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