

# 3120 circuit breaker with push-in terminals

**Reduce wiring costs -  
enhance contact reliability**



**A world first!**  
First circuit breaker with  
push-in connection technology

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## Reduce wiring costs - enhance contact reliability

The 3120 circuit breaker/switch combination is an ON/OFF switch with integral overcurrent protection. In the event of an overcurrent, the integral trip element (bimetal) has the breaker switch into the OFF position. The protected load is physically isolated from the supply voltage. After a short cool-down

period the circuit breaker can be reset. Replacement as with a fuse is not necessary. E-T-A is the first manufacturer in the world to launch a circuit breaker/switch combination with push-in connection technology - the 3120-PT. This design ensures quick, easy, secure and reliable connection of conductors.

### Reduce your wiring costs!

There are no operating tools required. The conductor can very easily be pushed in because of the special spring contour. It is not necessary to observe a certain push-in orientation as with blade

terminals. Easy handling does not only reduce the wiring times, but the ergonomic design also prevents signs of fatigue at work.

### Enhance the quality of electrical connections!

Due to the consistently high spring forces within the terminal, the push-in connection technology ensures secure contact of the conductor over a long period of time. The

connection will withstand harsh shock and vibration conditions due to the high surface pressure of the contact spring made of a special spring steel.

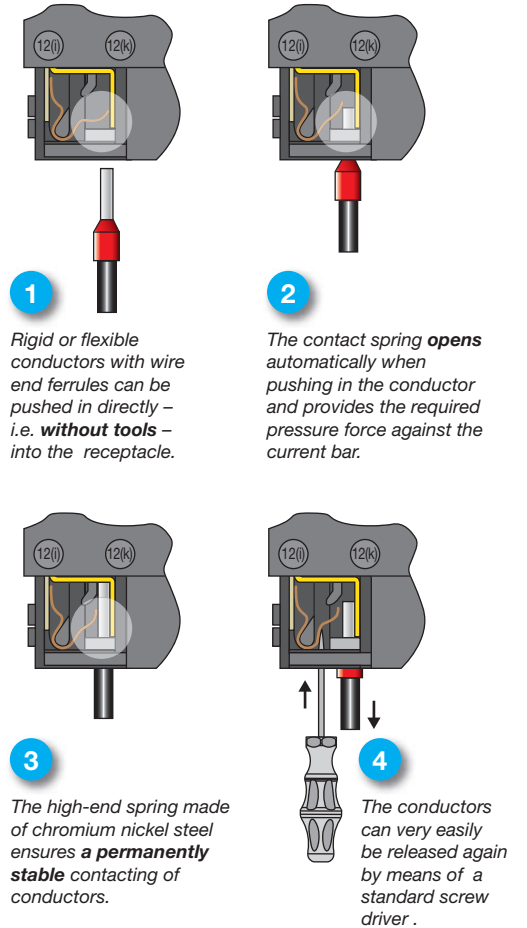
### Increase the safety of your product!

As long as the cables are stripped correctly and/or the recommended wire end ferrules are used, the new push-in terminal of type

3120 offers a 100% protection against brush contact. Hazardous electrocution is completely prevented.



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### Your benefits

- cost reduction through fast and easy wiring
- Less service and maintenance time through permanently stable cable connections
- Protection against brush contact



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