

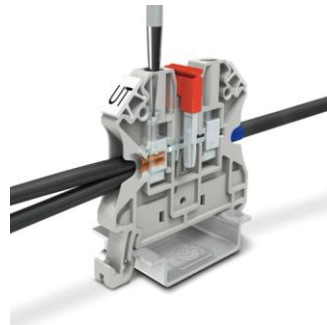
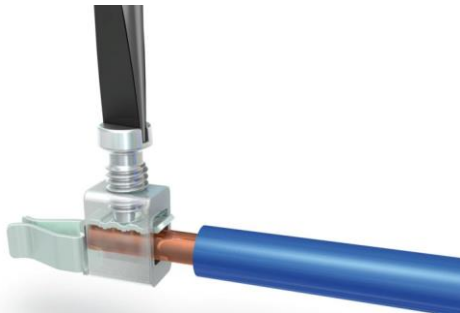
## REPLACEMENT OF SCREW CONNECTION WITH PUSH-IN CONNECTION

From next September on the entire Pego production will gradually start the replacement of screw connection with push-in connection.

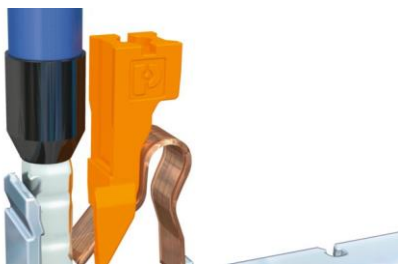
This choice catches the opportunities of technological evolutions introduces by the push-in connection:

- Practicality
- Safety
- Reliability

### SCREW connection



### PUSH-IN connection



### Push-in connection advantages

- Convenient plugging with lower insertion force of the conductor with tool-free direct connection technology.
- Vibration-resistant and maintenance-free conductor connection.
- The conductor can be easily released without special tools.
- Protection class IP20 always guaranteed because the operator is unable to contact voltage live parts while inserting or extracting the conductor.

## **Short guide to the use of Push-in connection**

With Push-in connection technology, you can easily connect conductors between 0.25 and 25 mm<sup>2</sup>, directly and without tools.

The special contact spring enables easy insertion and guarantees a high level of contact quality.

During the wiring of small and flexible conductors from 0.14 mm<sup>2</sup>, the pusher must first be actuated before the conductor is inserted into the clamping chamber.

Simply press the push button to remove the conductor. While pushed down, the conductor can be easily pulled out of the terminal block.

With Push-in technology, we recommend the use of ferrules, especially for small and flexible conductors.

Insight into push-in connection technology is available on the website of one of the largest manufacturers at the following link:

<https://www.phoenixcontact.com/en-pc/technologies/connection-technologies/push-in-connection>