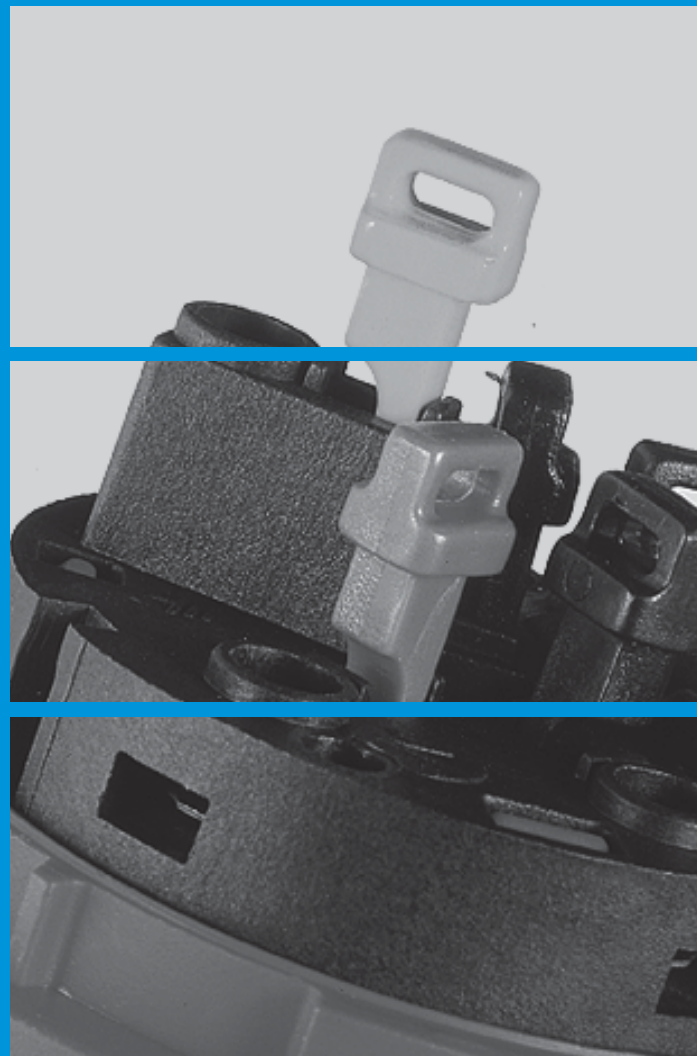


Quick-Connect connection technology



QUICK  **CONNECT**[®]
VON BALS



Bals
ELEKTROTECHNIK



Simply open

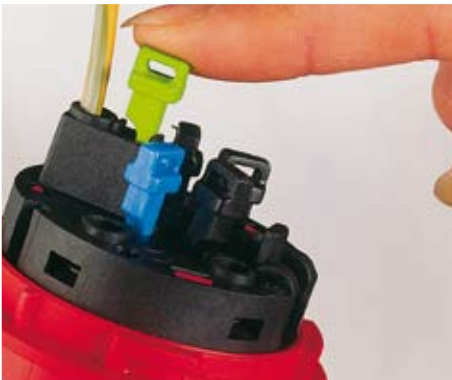
The opened, screwless terminals utilise the cage-clamp technology that has been tried and tested a billion times over. They are well suited for connecting 16A leads with cross section of 1 - 4 mm² and 32A leads with cross section of 2.5 - 10 mm².



Simply insert

The universal connection terminals are subject to absolutely no restrictions with regard to lead type and lead quality.

Multi-wire, fine-wire, fine-wire with galvanised ends, fine-wire with sealed ends as well as fine-wire with wire-end ferrules, gas-tight, crimped-on leads can be connected in the terminal without problem.



Simply "click"

The terminal is open on delivery. A simple press of a finger (no tools required) on the colour-coded "plug-plug" closes the clamp, locking it for the entire period of use.

If necessary, the terminal can be reopened by simply prying open with a screwdriver. Reconnection is possible at any time without any further handling of the lead.



Simply secure

The unique, time- and money-saving mounting requires no maintenance following installation; the product has been inspected and approved by  without limitations and has been patented in Europe.

With the technology, the installer is automatically a careful craftsman. No room is left open for mistakes.

Examples of the most common leads:



fine-wire



single-wire



fine-wire - with wire-end ferrule, gas-tight, crimped-on



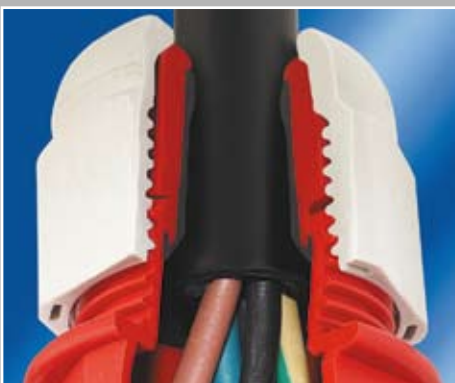
Simply robust housing closure

Closure automatically engages visibly and audibly upon closing. No adjustment and locking necessary via an additional slider.
Opens easily and wear-free with a tool.
Using a standard screwdriver, turn the closure hook clockwise to loosen.



Simply secure pressure thread connection

On delivery, the housing parts are only snapped together.
Turn counter-clockwise 90° to open.
Close by simply turning clockwise 90°. As a result, cables or leads cannot be twisted or hooked.
The strain relief provided by the 4-way thread connection is in excess of 240 kp.



Simply tight Multi-Grip cable gland

Unique, cable-protecting Multi Grip strain-relief system can be examined from the outside at any time. A wide range of cable cross sections can (almost) all be easily and reliably connected.



Simply fast spring terminals

Put an end to failure-prone screw connections or highly specialised insulation displacement terminals. Stripped leads are visibly and audibly locked in the terminal with the press of a finger - without damage and with the optimum contact pressure. Rewiring is possible at any time by simply opening the terminal; no additional handling of the lead is required. The only screwless CEE terminal connection inspected by and approved without restriction.

TE-Plus with Multi-Grip effortlessly adapts to all cable cross-sections!

The following cable diameters can be fed in without affecting the tightness or capacity for strain relief.

Save valuable connection time!

Time savings for 16A - 32A: ≈ 52%
63A - 125A: ≈ 42%

Compared with previous Bals TE connectors.

Connector Cable diameter (mm)

16A	3- & 4 pole	8	-	18
16A	5 pole.	10	-	21
32A	3 & 4 pole	11	-	23
32A	5 pole	13	-	27
63A	3-5 pole	16	-	36
125A	3-5 pole	26	-	50



Bals
ELEKTROTECHNIK

Bals Elektrotechnik GmbH & Co. KG
D-57399 Kirchhundem-Albaum
Telefon: +49 27 23/771-0 · Fax: +49 27 23/771-177/178
eMail: info@bals.com · Internet: www.bals.com