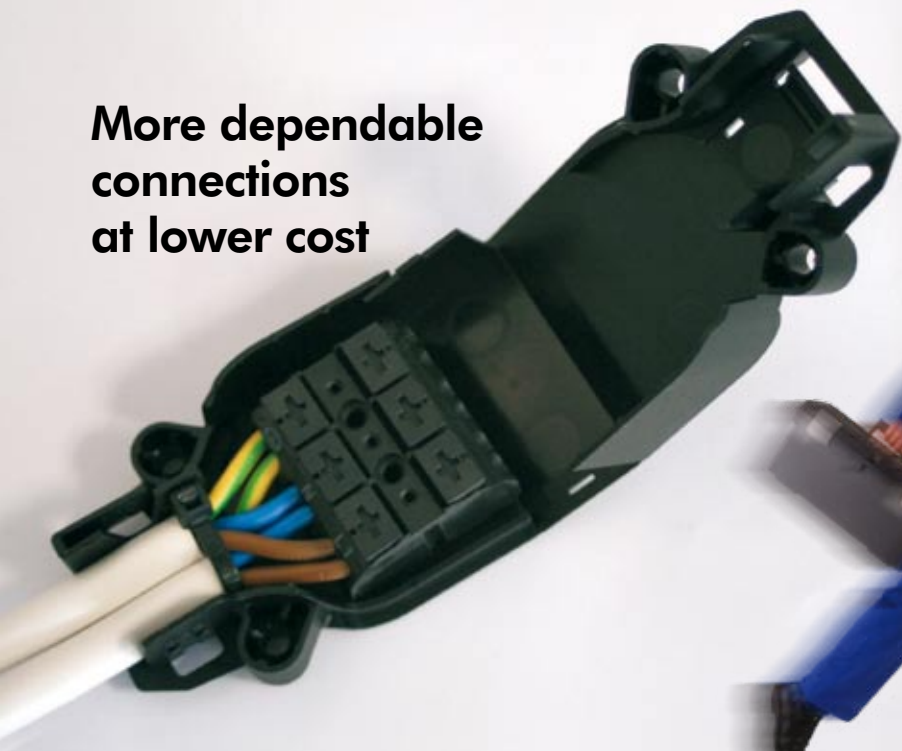


# Introducing WAGO's new universal connector and housing

**More dependable  
connections  
at lower cost**



**WAGO**<sup>®</sup>  
INNOVATIVE CONNECTIONS

# The ideal solution for lighting, power and HVAC applications

- 32A, 500V rating plus compact design
- CageClamp®S offers universal connection
- Maximum conductor size cross section range 0.5mm<sup>2</sup> to 4mm<sup>2</sup>
- Pushbutton activation by screwdriver or finger operation
- Up to 4 conductors can be connected to each pole
- Robust V0 connector housing

## Forget 'chocblocks' – Take a look at WAGO's new winning combination



An ideal replacement for old-fashioned and unreliable 'chocolate-block' screw type connections, WAGO's Series 862 terminal blocks have been specifically designed to minimise connection costs in electrical circuits. Incorporating WAGO's screwless CageClamp®S, they are highly flexible, easy to handle and are ideal for a wide range of contractor applications including lighting and power alterations, ring circuit additions and temporary circuit changes. CageClamp®S ensures a universal connection for flexible conductors or

pushwire connection for solid conductors - substantially reducing wiring time. Installation is fast and simple - the pushbutton can be activated by standard screwdriver or finger operation, so there is no need to worry whether conductors are secure.

The new robust-design housing is made from Nylon 6 and meets BS5733. It locks shut, opening with a screwdriver, which prevents accidental unfastening. When the connector is enclosed, protection degree is IP 20. The connector is easily and safely positioned into the housing and conductors are secured using cable ties supplied. There is no need to secure the terminal, even to comply with BS7671.



CageClamp®S accepts solid, stranded or flexible conductors from 0.5mm<sup>2</sup> to 4mm<sup>2</sup> and guarantees a maintenance-free gas-tight connection. Solid conductors can be inserted straight into the connector. The cage clamp is opened with a screwdriver for stranded and flexible conductors.



Simply secure the cables using the cable ties supplied in the pack and close the housing for a compact commoning connection. Up to four conductors can be connected to each pole. Using the connector and two housings, up to four 3 core cables can be used for a safe through connection. The housing which ensures the connector is touchproof can be fixed using screws, before or after it is locked.

**Pack contains terminal block  
plus housing and cable ties**

# 4 conductor terminal strips with CAGE CLAMP®S in 2, 3, 4 and 5 pole combinations

## Features and benefits of series 862 connectors

- The new CAGE CLAMP®S allows the connection of up to four conductors with wire sizes from 0.5mm<sup>2</sup> to 4mm<sup>2</sup>. Different cross sections can be used within one connector.
- CAGE CLAMP®S allows the direct insertion of solid conductors or flexible conductors with crimped ferrules or ultrasonically bonded wire ends from 0.5mm<sup>2</sup> up to 4mm<sup>2</sup>.
- Automatic grounding contact available as an option.
- Snap-in mounting feet for fast assembly.
- Push-buttons for easy handling with a screwdriver or finger operation.
- Direct testing with test plug 2mm/0.079in. Ø
- Standard marking per pole or, for large quantities, in accordance with customer's specification.
- Terminal block made from V0 material.

## CAGE CLAMP®S clamps these copper wires



Solid



Stranded




Fine-stranded



With crimped ferrule

## Technical data

4 x 0.5 – 4mm<sup>2</sup> 500 V/6 kV/3 32A

 10 – 11 mm / 0.41 in

\*  ENEC



## Accessories

**COMB TYPE JUMPER BAR** can easily be inserted into the wire entry, 32 A



wire entry, 32 A

**862-482** 5

**TEST PLUG** with cable 500 mm/1'7.7"



2 mm/0.079in Ø, red

**210-136** 50 (5 x10)

**TEST PLUG** with cable 500 mm/1'7.7"



2.3 mm/0.091in Ø, yellow

**210-137** 50 (5 x10)

**MARKER STRIP** white, plain, for central marking;



7.5 mm wide on roll, 50m long

**709-178** 1

**MARKER STRIP** white, plain for central marking;



7.5 mm wide on roll, 300m long

**709-188** 1

**For more information, contact us or visit [www.wago.ltd.uk](http://www.wago.ltd.uk)**

**Hotline:**

**0870 264 0773**

**WAGO**®  
INNOVATIVE CONNECTIONS