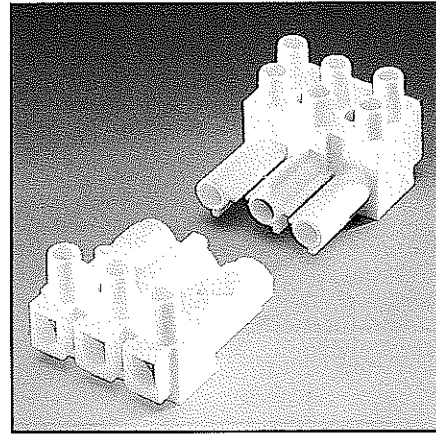


Compact connectors for snap-in mounting, 3- to 7-pole System ST 18 250 V, 250 V/400 V, 16 A

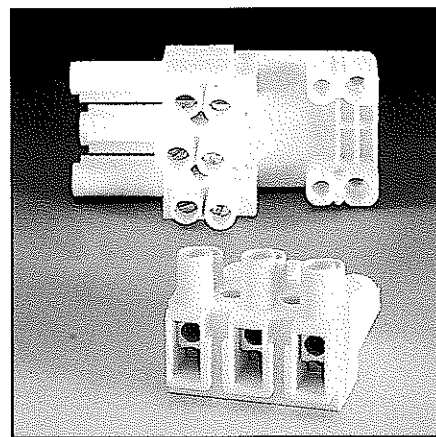
250 V, 250 V/400 V, 16 A

ST 18



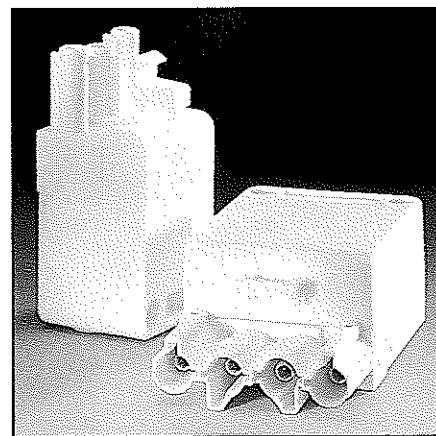
All the poles are plugged in at the same time.
PE conductor leading.
The live components are also protected against accidental contact both when connected and disconnected.

A range of distribution coupler units makes it possible to install a complete system in the narrowest of spaces. A locking device is also secured with the connectors provided.



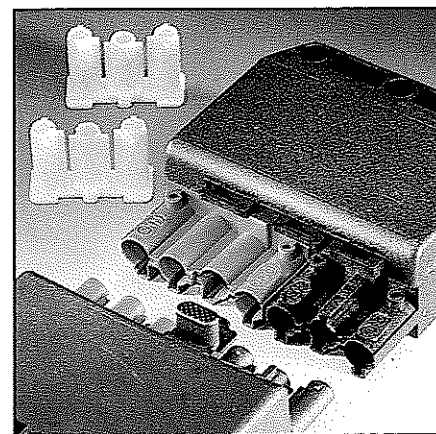
Sockets and plugs normally have one terminal connection per pole. However they are also available with two independently active clamping points e.g. for through-wiring of continuous rows of luminaires, for cross connections or additional outgoing circuits.

All 3- to 7-pole connectors can be supplied with locking devices. The top of the strain relief device is equipped with locating cams (plug component) or locating eyes (socket component). When assembling a socket and plug component, the locking device that can be released by hand, is latched automatically. The additional cover that is available as an accessory, makes it only possible for the locking device to be released using a tool.



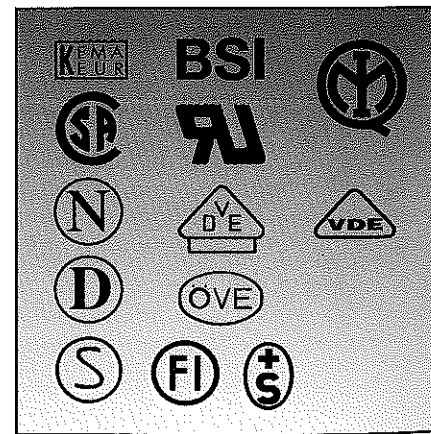
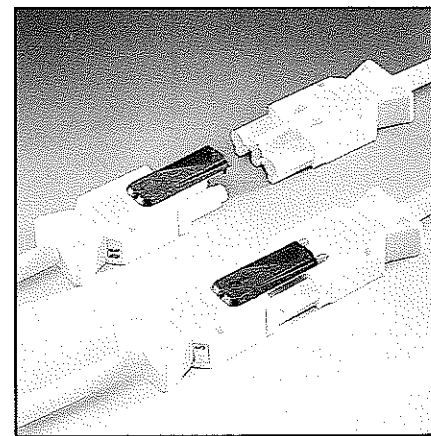
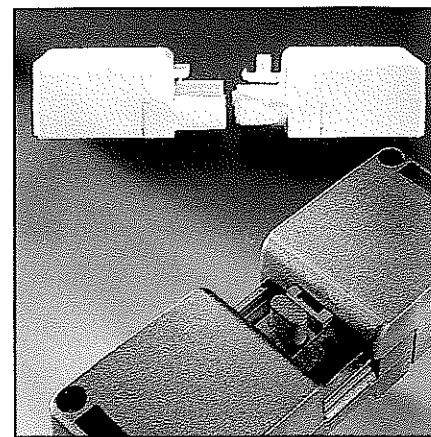
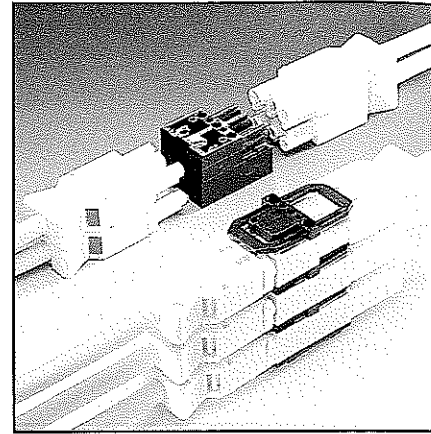
Incorrect insertions are reliably prevented due to coding. Different mechanical codes are additionally designated by established material colours; only black and white components can be combined with each other.

The 3-pole prepared version provides a particularly flat design. The cables are mounted in lengths between 0.5 and 4 m (in 50 cm increments). The cable type is HO5VV-F 3 G 1.5/2.5. A further alternative is the crimp design with a flat strain relief device.

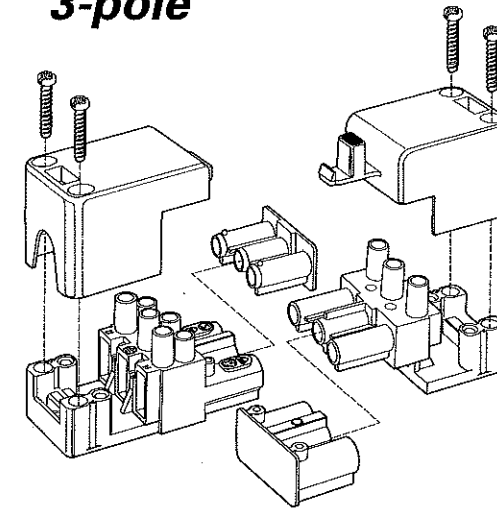


The top of the strain relief device is both a cover for the terminal compartment and for the terminal screws.
Type of protection: IP 20
The socket component that is not used for through-wiring can be safeguarded with a sealing component against misuse.

A series of certificates means that the connector system can be used world-wide. There are standards according to national norms for European countries including EFTA countries as well as overseas. As a connector system as defined by German norms e.g. VDE 0627, the ST 18 (in contrast to GST 18) is not intended for operation under tension – either when inserted or withdrawn. The locking device of the connector protects the components from being loosened unintentionally.



Screw design 3-pole

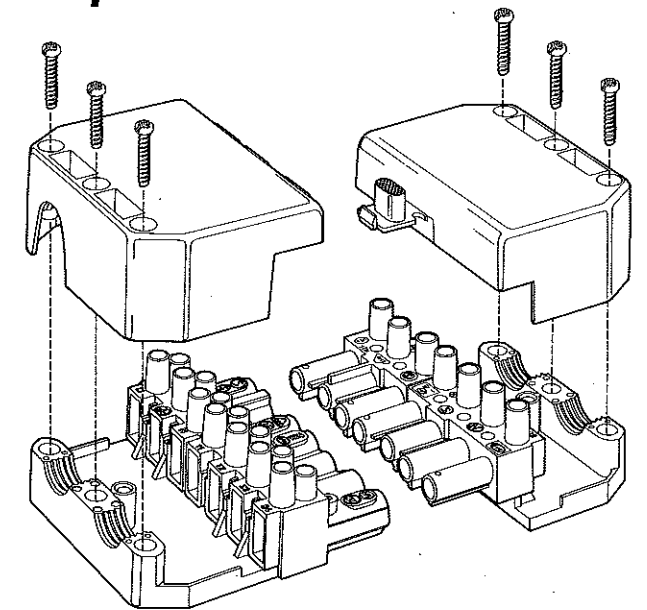


Socket component with dual terminal connection with strain relief top and bottom part

Sealing component

Plug component with a single connection with strain relief top and bottom part

Screw design 7-pole



Socket component with a dual terminal connection with strain relief top and bottom part

Plug component with a single connection with strain relief top and bottom part

Coding

3-pole Colour: black
Colour: white

3-pole Colour: green

4-pole Colour: black
Colour: white

4-pole Colour: green

5-pole Colour: black

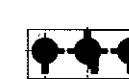
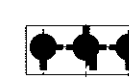
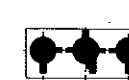
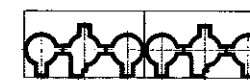
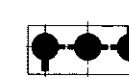
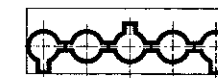
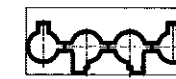
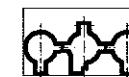
6-pole Colour: black/
black

Colour: brown/
black

7-pole Colour: brown/
black

Socket component

Plug component



Technical data

Rated voltage:
in accordance with VDE 0110 Gr. C 250 V, 250/400 V
(VDE 0110 Part 1.4 KV 250 V, 250/400 V)

Wire range: 0.5 – 2.5 mm²

Rated current: 16 A

Torque for terminal screws: 0.5 – 0.7 Nm

Steady-state temperature: 70 °C cables,
110 °C socket and plug components

Type of protection: IP 20 in accordance with
EN 60529/DIN VDE 0470 Part 1/11.92

Materials:
Insulating components, top and bottom of strain relief
Device: thermoplastic material
Contact parts: brass-plated

Terminal screws and slotted-head screws for the
strain relief device: galvanised, passivated steel

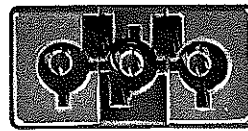
Certification: VDE 0627; SEV; KEMA (however
without crimp connections); further certification
provided on request

Area of application:
For connecting modules and components in or to
operational equipment in industrial installations. For
connection in measurement and control circuits. This
normally does not apply to connectors in or on opera-
tional equipment with its own safety definitions.

**Note: Not suitable for connecting in
installation systems e.g. in furniture,
installation cavities such as false floors,
suspended ceilings etc.**

Please ask for our *gesis* CON brochure.

250 V, 16 A



Compact connectors
Sockets/plugs for snap-in assembly 250 V, 16 A

ST 18/3

The snap-in design can be snapped into place for the rapid installation of socket/plug components in housing. It guarantees a clean termination in the section of housing¹⁾.

The terminal connection can be both a screwless and a screw connection.

By using an interlocking slide, it is possible to lock the cable assembly and crimp designs of ST 18.

Snap-in: screwless

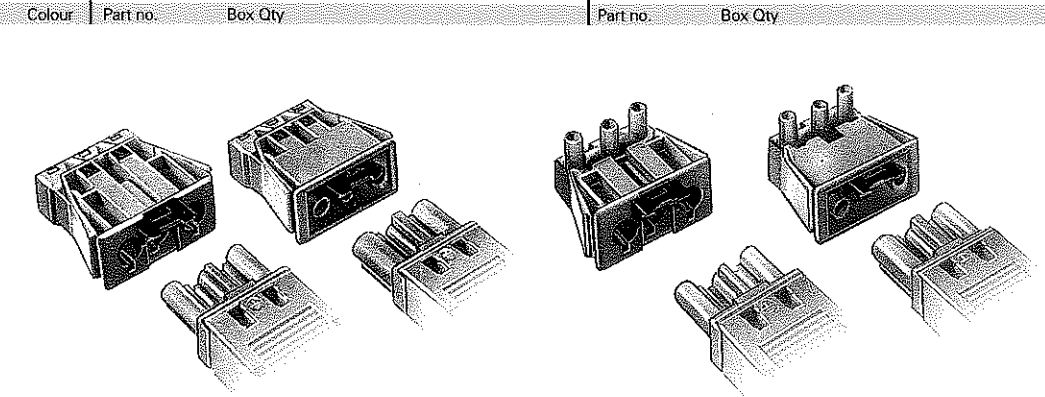
2 connections per pole
Finely stranded cable 0.5–1.5 mm² with connector sleeve
Rigid cable 0.5–2.5 mm²

Insulation strip length: 0.5–1.5 mm²: 8 mm
2.5 mm²: 9 mm

Snap-in: screwable

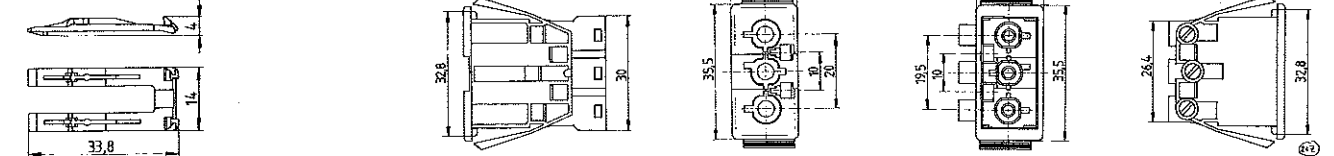
1 connection per pole
Single-core and finely stranded cable 0.5–2.5 mm²

Insulation strip length: 0.5–1.5 mm²: 8 mm
2.5 mm²: 9 mm

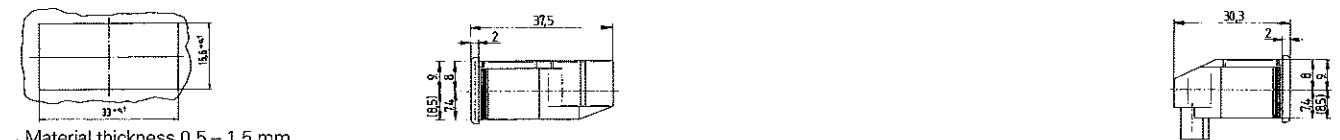


	Colour	Part no.	Box Qty	Part no.	Box Qty
Plug component for snap-in assembly	black	93.032.9053.0	100	93.032.9358.1	100
	white	93.032.9058.0	100	93.032.9358.0	100
Socket component for snap-in assembly	black	93.031.9053.0	100	93.031.9358.1	100
	white	93.031.9058.0	100	93.031.9358.0	100
Interlocking slide (order separately) suitable for ST 18/3 with cable assembly.	black	05.584.0153.0	100	05.584.0153.0	100
	white	05.584.0153.2	100	05.584.0153.2	100

Interlocking slide
for socket and plug contacts



Section:



Material thickness 0.5 – 1.5 mm

¹⁾ Housing material, enamel and deburring can influence the fixing position in the housing. Detailed installation instructions are available on request.