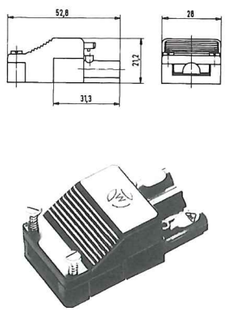
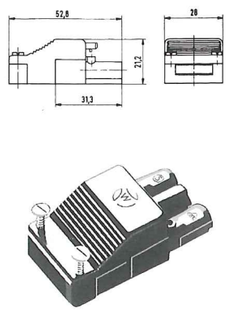
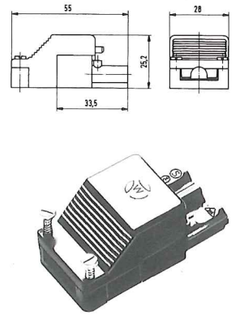
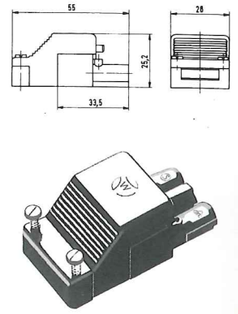
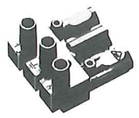
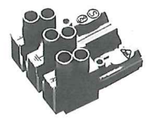
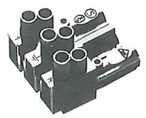
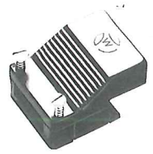
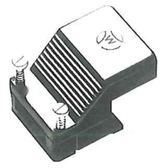
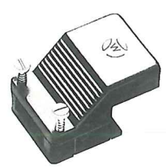
ST 18/3-pole socket components

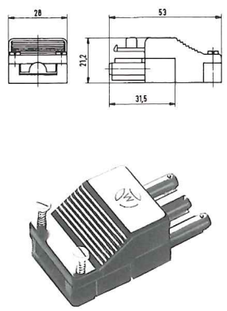
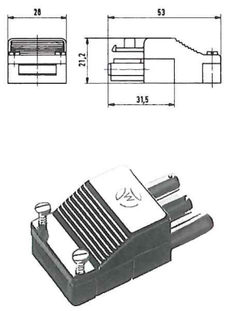
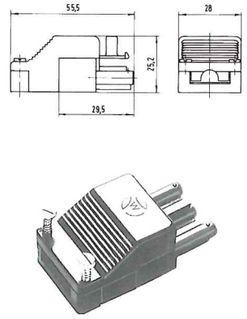
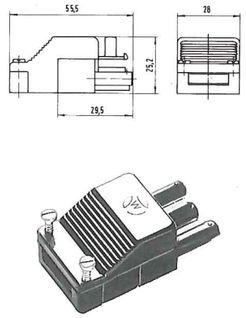
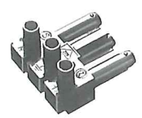
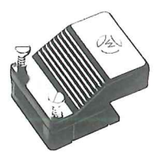
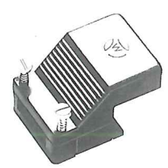
	Terminal connection: single	**Terminal connection: single**	**Terminal connection: dual**	**Terminal connection: dual**
	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord
	1 x round cable Ø 6.5–8.3 mm	1 x round cable Ø 6.5–8.3 mm 2 x round cable Ø 5.5–7.2 mm 1 x flat cable 4.6 x 8.1 mm	1 x round cable Ø 6.5–8.3 mm	1 x round cable Ø 6.5–8.3 mm 2 x round cable Ø 5.5–7.2 mm 1 x flat cable 4.6 x 8.1 mm
	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm
Colour	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty
Displayed as assembled				
	Socket component unassembled with strain relief device **without** locking device	**Socket component** unassembled with strain relief device **without** locking device	**Socket component** unassembled with strain relief device **without** locking device	**Socket component** unassembled with strain relief device **without** locking device
black	**93.931.3253.0** 200	**93.831.3253.0** 200	93.931.3353.0 200	**93.831.3353.0** 200
white	**93.931.3250.0** 200	**93.831.3250.0** 200	93.931.3350.0 200	**93.831.3350.0** 200
green/black[1)]	93.931.3750.0 200	93.831.3750.0 200		
	Socket component unassembled with strain relief device **with** locking device	**Socket component** unassembled with strain relief device **with** locking device	**Socket component** unassembled with strain relief device **with** locking device	**Socket component** unassembled with strain relief device **with** locking device
black	**93.931.4253.0** 200	**93.831.4253.0** 200	93.931.4353.0 200	**93.831.4353.0** 200
white	**93.931.4250.0** 200	93.831.4250.0 200	93.931.4350.0 200	93.831.4350.0 200
green/black[1)]	**93.931.4750.0** 200	93.831.4750.0 200		
Colour	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty
				
	Socket component	**Socket component**	**Socket component**	**Socket component**
black	**93.031.3253.0** 200	**93.031.3253.0** 200	**93.031.3353.0** 200	**93.031.3353.0** 200
white	**93.031.3250.0** 200	**93.031.3250.0** 200	**93.031.3350.0** 200	**93.031.3350.0** 200
green	**93.031.3750.0** 200	**93.031.3750.0** 200		
				
	Strain relief device without locking device, base and top	**Strain relief device without** locking device, base and top	**Strain relief device without** locking device, base and top	**Strain relief device without** locking device, base and top
black	**Z7.410.8153.0** 200	**Z7.410.5153.0** 200	**Z7.410.8253.0** 200	**Z7.410.5253.0** 200
white	**Z7.410.8150.0** 200	**Z7.410.5150.0** 200	**Z7.410.8250.0** 200	**Z7.410.5250.0** 200
	Strain relief device with locking device, base and top	**Strain relief device with** locking device, base and top	**Strain relief device with** locking device, base and top	**Strain relief device with** locking device, base and top
black	**Z7.410.8553.0** 200	**Z7.410.5553.0** 200	**Z7.410.8453.0** 200	**Z7.410.5453.0** 200
white	**Z7.410.8550.0** 200	**Z7.410.5550.0** 200	**Z7.410.8450.0** 200	**Z7.410.5450.0** 200

[1)] Socket component green, strain relief device black (Note: observe coding!)

[1)] Socket component green, strain relief device black (Note: observe coding!)

ST 18/3-pole plug components 250 V, 16 A

ST 18/3

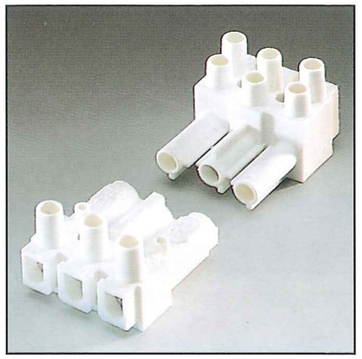
	Terminal connection: single	**Terminal connection: single**	**Terminal connection: dual**	**Terminal connection: dual**
	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord	Strain relief device: for PVC-sheathed flexible cord
	1 x round cable Ø 6.5–8.3 mm	1 x round cable Ø 6.5–8.3 mm 2 x round cable Ø 5.5–7.2 mm 1 x flat cable 4.6 x 8.1 mm	1 x round cable Ø 6.5–8.3 mm	1 x round cable Ø 6.5–8.3 mm 2 x round cable Ø 5.5–7.2 mm 1 x flat cable 4.6 x 8.1 mm
	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm	Sheath strip length: 28 mm Insulation strip length: 7 mm
	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty
				
	Plug component unassembled with strain relief device **without** locking device	**Plug component** unassembled with strain relief device **without** locking device	**Plug component** unassembled with strain relief device **without** locking device	**Plug component** unassembled with strain relief device **without** locking device
	93.932.3353.0 200	**93.832.3353.0** 200	93.932.6353.0 200	93.832.6353.0 200
	93.932.3350.0 200	**93.832.3350.0** 200	93.932.6350.0 200	93.832.6350.0 200
	93.932.3750.0 200	93.832.3750.0 200		
	Plug component unassembled with strain relief device **with** locking device	**Plug component** unassembled with strain relief device **with** locking device	**Plug component** unassembled with strain relief device **with** locking device	**Plug component** unassembled with strain relief device **with** locking device
	93.932.4353.0 200	**93.832.4353.0** 200	93.932.7353.0 200	**93.832.7353.0** 200
	93.932.4350.0 200	**93.832.4350.0** 200	93.932.7350.0 200	93.832.7350.0 200
	93.932.4750.0 200	93.832.4750.0 200		
	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty	Part no. Box Qty
				
	Plug component	**Plug component**	**Plug component**	**Plug component**
	93.032.3353.0 200	**93.032.3353.0** 200	**93.032.6353.0** 200	**93.032.6353.0** 200
	93.032.3350.0 200	**93.032.3350.0** 200	**93.032.6350.0** 200	**93.032.6350.0** 200
	93.032.3750.0 200	**93.032.3750.0** 200		
				
	Strain relief device without locking device, base and top	**Strain relief device without** locking device, base and top	**Strain relief device without** locking device, base and top	**Strain relief device without** locking device, base and top
	Z7.410.8153.0 200	**Z7.410.5153.0** 200	**Z7.410.8253.0** 200	**Z7.410.5253.0** 200
	Z7.410.8150.0 200	**Z7.410.5150.0** 200	**Z7.410.8250.0** 200	**Z7.410.5250.0** 200
	Strain relief device with locking device, base and top	**Strain relief device with** locking device, base and top	**Strain relief device with** locking device, base and top	**Strain relief device with** locking device, base and top
	Z7.410.8353.0 200	**Z7.410.5353.0** 200	Z7.410.3453.0 200	**Z7.410.3353.0** 200
	Z7.410.8350.0 200	**Z7.410.5350.0** 200	Z7.410.3450.0 200	Z7.410.3350.0 200

[1)] Plug component green, strain relief device black (Note: observe coding!)

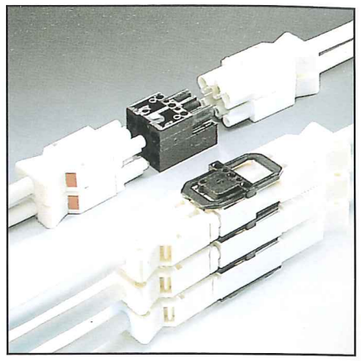
[1)] Plug component green, strain relief device black (Note: observe coding!)

The **order numbers printed in bold type** can be supplied with short lead times. Goods are supplied unassembled.

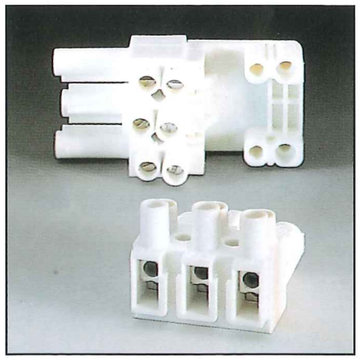
Compact connectors for snap-in mounting, 3- to 7-pole
System ST 18 250 V, 250 V/400 V, 16 A



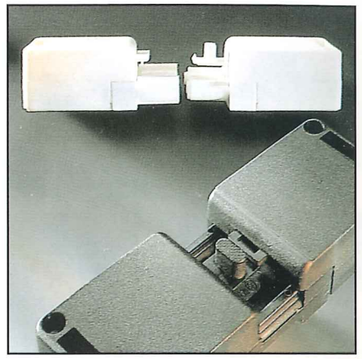
All the poles are plugged in at the same time.
PE conductor leading.
The live components are also protected against accidental contact both when connected and disconnected.



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.

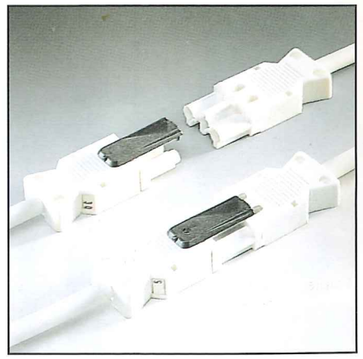


Sockets and plugs normally have one terminal connection per pole. However they are also available with two independently active clamping points e.g. for through-wiring of continuous rows of luminaires, for cross connections or additional outgoing circuits.



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.



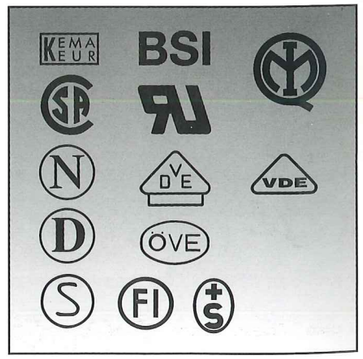
The 3-pole prepared version provides a particularly flat design. The cables are mounted in lengths between 0.5 and 4 m (in 50 cm increments). The cable type is HO5VV-F 3 G 1.5/2.5. A further alternative is the crimp design with a flat strain relief device.

The top of the strain relief device is both a cover for the terminal compartment and for the terminal screws.

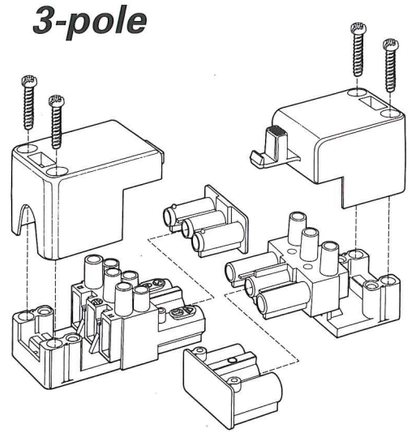
Type of protection: IP 20

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

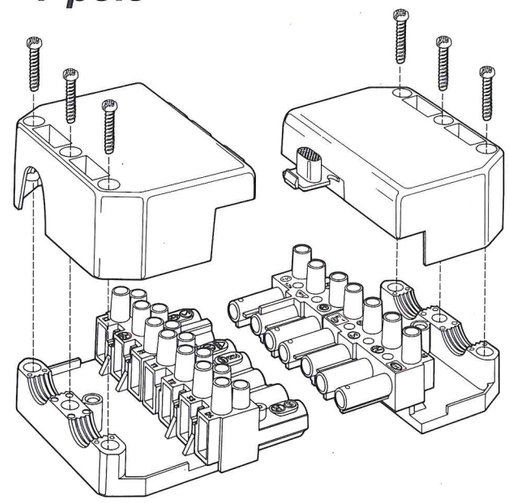


Socket component with dual terminal connection with strain relief top and bottom part

Sealing component

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

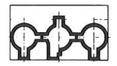
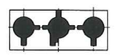
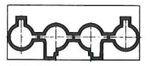
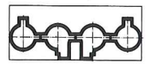
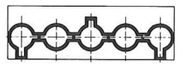
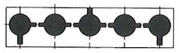
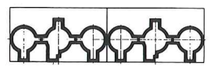
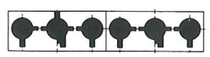
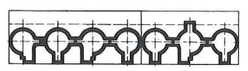
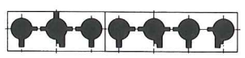
Screw design 7-pole



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

		Socket component	*Plug component*
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		

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 operational 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.

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