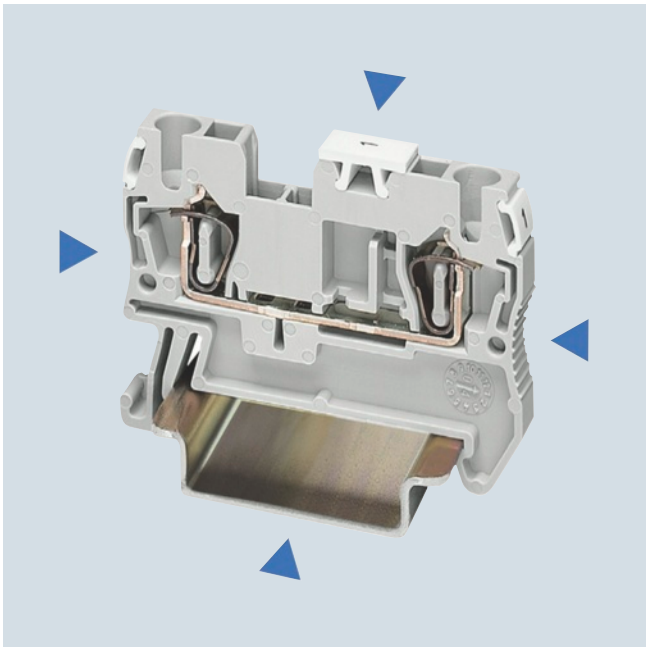
Overview

Conductor cross-section	Terminal type → / Terminal type[1)]	Design → / Color	Standard spring-loaded connection: Standard, 2, 8WH2000	Standard, 3, 8WH2003	Standard, 4, 8WH2004	Two-tier, 4, 8WH2020	Two-tier, 6, 8WH2023	Article No. (digits 8 ... 12)
1.5 mm²	Through-type	Gray	✔	✔	✔	✔	--	0AE00
		Blue	✔	✔	✔	✔	--	0AE01
	PE	Green/yellow	✔	✔	✔	✔	--	0CE07
2.5 mm²	Through-type	Gray	✔	✔	✔	✔	✔	0AF00
		Blue	✔	✔	✔	✔	✔	0AF01
	Isolating	Gray	✔	✔	✔	--	--	6AF00
	Isolating blade	Gray	✔	✔	✔	--	--	0CF00
	PE	Green/yellow	✔	✔	✔	✔	✔	0CF07
4 mm²	Through-type	Gray	✔	✔	✔	✔	--	0AG00
		Blue	✔	✔	✔	✔	--	0AG01
	Isolating	Gray	✔	--	--	--	--	6AG00
	Isolating blade	Gray	✔	--	--	--	--	6CG00
	PE	Green/yellow	✔	✔	✔	✔	--	0CG07
6 mm²	Through-type	Gray	✔	✔	--	--	--	0AH00
		Blue	✔	✔	--	--	--	0AH01
	PE	Green/yellow	✔	✔	--	--	--	0CH07
10 mm²	Through-type	Gray	✔	--	--	--	--	0AJ00
		Blue	✔	--	--	--	--	0AJ01
	PE	Green/yellow	✔	--	--	--	--	0CJ07
16 mm²	Through-type	Gray	✔	--	--	--	--	0AK00
		Blue	✔	--	--	--	--	0AK01
	PE	Green/yellow	✔	--	--	--	--	0CK07
35 mm²	Through-type	Gray	✔	--	--	--	--	0AM00
		Blue	✔	--	--	--	--	0AM01
	PE	Green/yellow	✔	--	--	--	--	0CM07

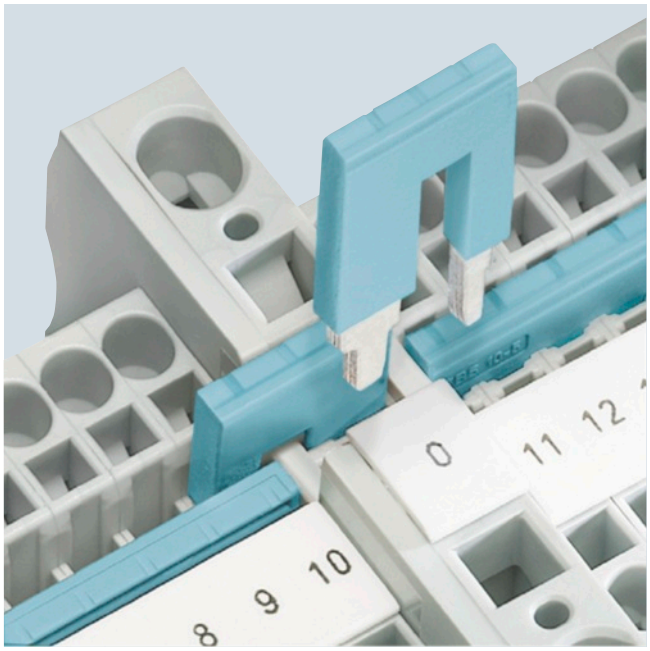
1) Only the main terminal types are listed here. You will find further versions on the following pages.



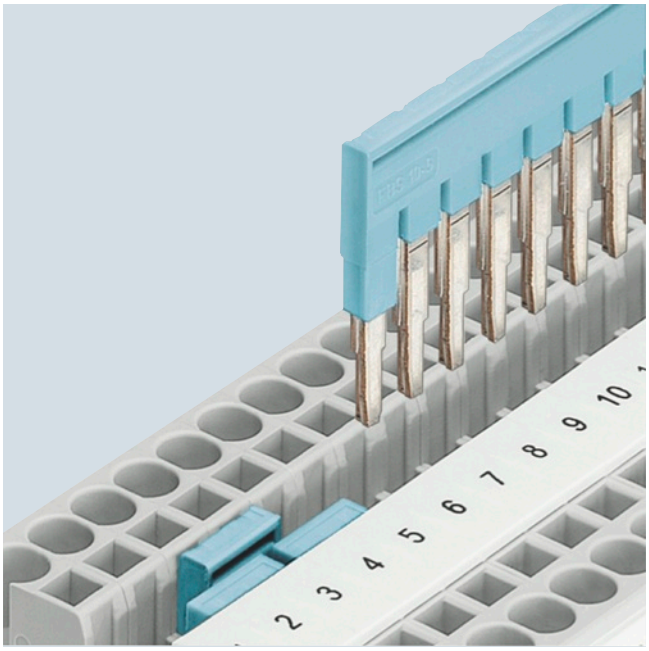
The space-saving design and conductor routing from above make spring-loaded terminals ideal for controlgear installations with minimum available space. The terminals are open at one end and can be closed using the appropriate covers.

The large and unambiguous marking in the center of the terminal is essential for ensuring reliable installation in minimum time. Each clamping point can also be separately labeled.

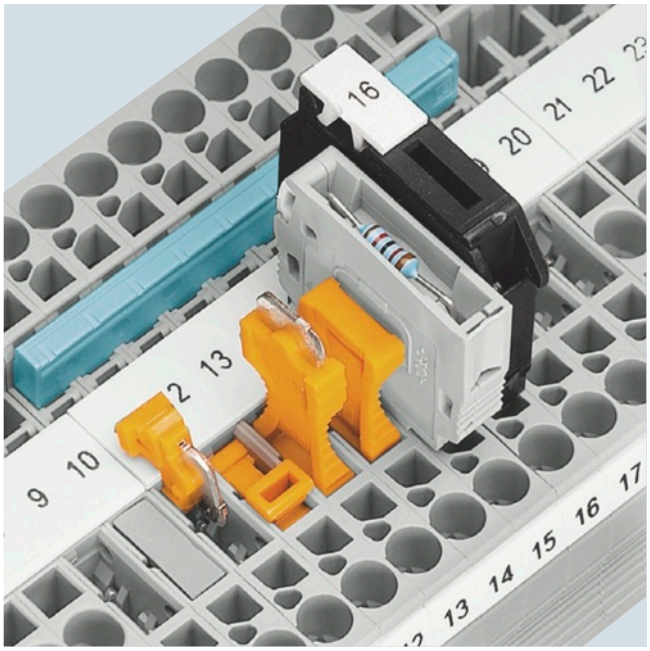
Spring-loaded terminals provide a large connection compartment for fast wiring of flexible and rigid conductors, including conductors with nominal cross-section and a fitted end sleeve.



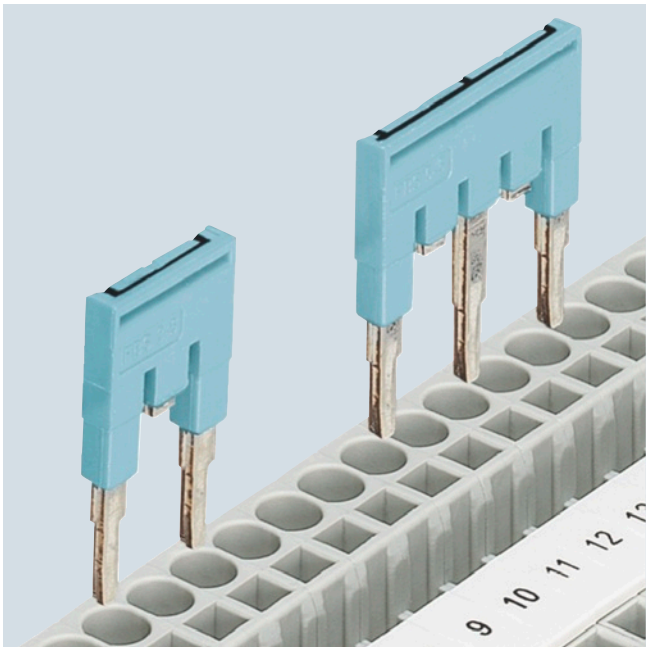
Reducing combs enable easy connection of terminals with various nominal cross-sections. For example, they can be used for the fast creation of infeed blocks, e.g. by connecting a 10 mm^2 spring-loaded terminal with a 2.5 or 4 mm^2 spring-loaded terminal.



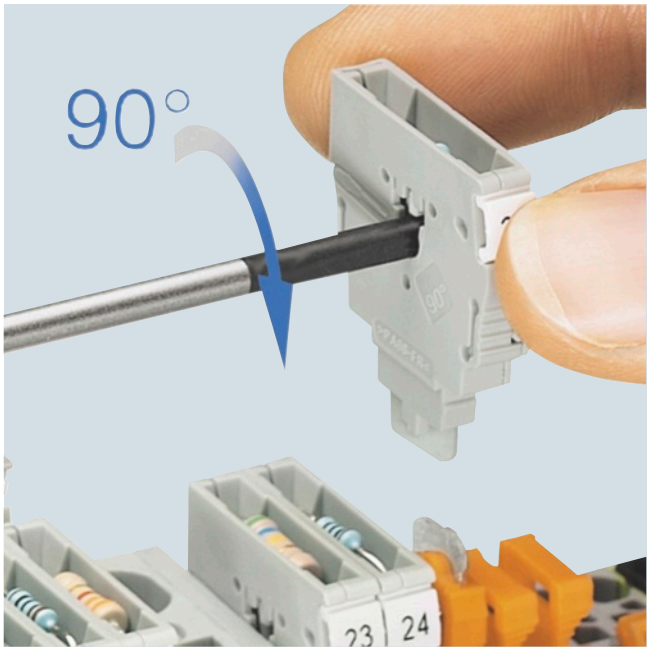
The 2- to 50-pole connecting combs also considerably reduce the time needed for assembly and wiring as they enable up to 50 terminals to be connected in a single step.



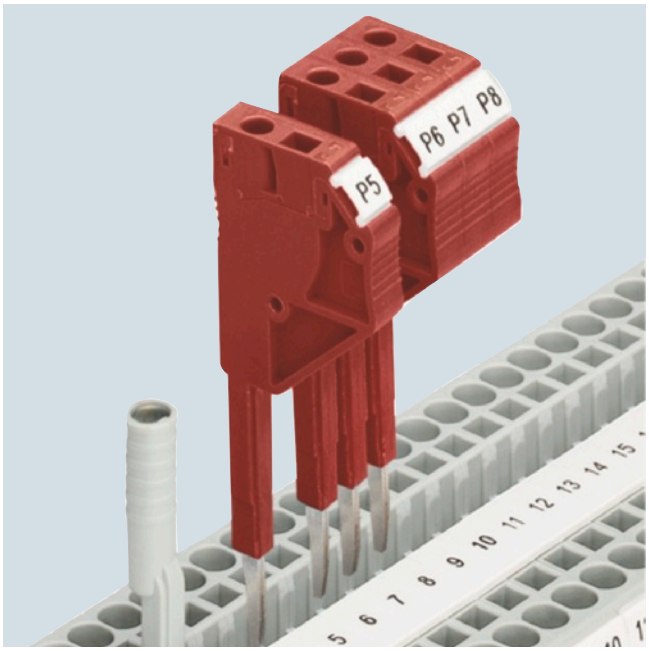
The universal plug-in zones of the isolating terminal can accommodate the isolated through-type connectors, isolating plugs, component connectors and fused connectors.



Contact tabs can be removed from the standard comb in order to skip individual terminals. This means that two potentials can run in parallel on a single terminal strip. The contact points can additionally be marked.



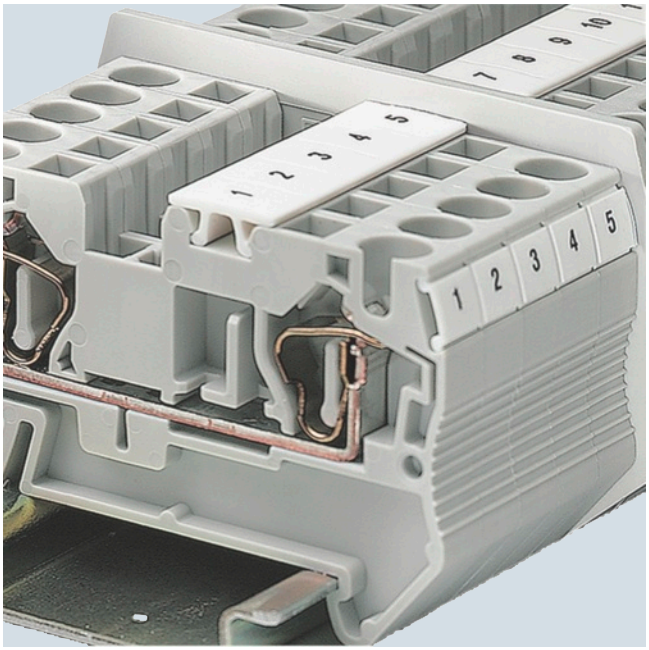
The component connector enables the convenient equipping with electronic components. One turn of the screwdriver opens the contact points and the component is easily inserted.



A comprehensive range of test accessories is also available for the spring-loaded terminal series. The test adapters for Ø 4 mm test plugs and modular test plugs enable all measuring and testing jobs to be performed in minimum time.

Cover segments are used to cover the projecting terminal segments of three and four-wire terminals when mounting two-wire terminals side-by-side. This ensures touch protection.

Note: The accessories for 8WH can only be used for 8WH terminals.



The compartment partitions project beyond the contours of the terminals and separate the groups both visually and electrically.

Overview

With two clamping points

The through-type terminals have an impressive space-saving design and offer optimized handling. With its front connection arrangement this series provides additional space between the cable ducts for wiring.

The double bridge shaft enables individual chain bridging with connecting combs. Accessories are available for testing and labeling.

With three clamping points

Terminals with three clamping points are a space-saving alternative to the standard through-type terminals for branching the potential.

It is often necessary for three conductors to be routed to a single terminal.This three clamping point version enables this without the need for additional terminals and jumpers.

With four clamping points

The double connection of the through-type terminals with four clamping points enables four conductors to be connected to a single potential. These versions with four clamping points are therefore suitable for use as compact potential distributors.

An inscription label can be snapped on to the middle of each terminal at the front. Further labels can also be mounted flat on the side of the terminals.

PE/ground conductor function

The PE through-type terminals are available with the same contour as the through-type terminals. Simply snap the terminals onto the support rail to achieve full mechanical and electrical contact with the support rail.

The PE through-type terminals meet all the requirements of IEC 60947-7-2:

- Low contact resistance
- Stainless clamping points
- Green-yellow enclosure
- Additional inscription options

Technical specifications

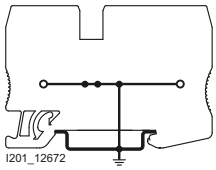
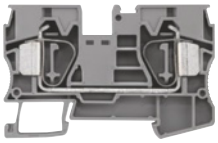
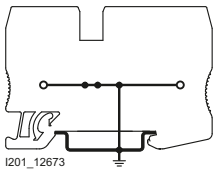
	8WH2000-0AE0.	8WH2000-0CE07	8WH2003-0AE00 8WH2003-0AE01	8WH2003-0CE07	8WH2004-0AE00 8WH2004-0AE01
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 4.2 / 48.5 / 2.2 36.8 / 44		 4.2 / 60.5 / 2.2 36.5 / 44		 4.2 / 72 / 2.2
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm^2 • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	 17.5 / 1.5 6 / 3 III / I	 --	 17.5 / 1.5	 --	 17.5 / 1.5
Connection capacities • Flexible with end sleeve, with plastic sleeve in mm^2 • Flexible with end sleeve, without plastic sleeve in mm^2 • Flexible with two-wire connection end sleeve, with plastic sleeve in mm^2	 0.25 ... 1.5 0.25 ... 1.5 0.5				
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A1				
Molded plastic type • Flammability Class acc. to UL 94	PA V0				
Approval data (UL/cUL and CSA) • Rated voltage / rated current / conductor sizes - UL/cUL: in V/A / AWG - CSA: in V/A / AWG	 300 / 15 / 26 ... 14 300 / 15 / 26 ... 14	 -- / -- / 26 ... 14 -- / -- / 26 ... 14	 300 / 15 / 26 ... 14 300 / 15 / 26 ... 14	 -- / -- / 26 ... 14 --	 300 / 15 / 26 ... 14 300 / 15 / 26 ... 14
Support rails/protective conductor busbars	--	See section "Support rails" on page 1/3	--	See section "Support rails" on page 1/3	--

	8WH2000-0CG07	8WH2003-0CG07	8WH2004-0CG07	8WH2000-0AH00 8WH2000-0AH01	8WH2003-0AH00 8WH2003-0AH01
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	6.2 / 56 / 2.2 36.8 / 44	6.2 / 71.5 / 2.2 36.5 / 44	6.2 / 87 / 2.2	8.2 / 69.5 / 2.2 43.5 / 51	8.2 / 90.5 / 2.2
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm² • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	-- 8 / 3 III / I			52 / 10	
Connection capacities • Flexible with end sleeve, with plastic sleeve in mm² • Flexible with end sleeve, without plastic sleeve in mm² • Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.25 ... 4 0.25 ... 4 0.5 ... 1			0.25 ... 6 0.25 ... 6 0.5 ... 1.5	
Stripped length in mm	10			12	
Plug gauge (IEC 60947-1)	A4			A5	
Molded plastic type • Flammability Class acc. to UL 94	PA V0				
Approval data (UL/cUL and CSA) • Rated voltage / rated current / conductor sizes - UL/cUL: in V/A / AWG - CSA: in V/A / AWG	 -- / -- / 20 ... 10 --			 600 / 50 / 20 ... 8	
Support rails/protective conductor busbars	See section "Support rails" on page 1/3	See section "Support rails" on page 1/3	See section "Support rails" on page 1/3	--	--

	8WH2000-0CH07	8WH2003-0CH07	8WH2000-0AJ00 8WH2000-0AJ01	8WH2000-0CJ07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	8.2 / 69.5 / 2.2 43.5 / 51	8.2 / 90.5 / 2.2	10 / 71.5 / 2.2 50.5 / 58	
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm² • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	-- 8 / 3 III / I		65 / 16	
Connection capacities • Flexible with end sleeve, with plastic sleeve in mm² • Flexible with end sleeve, without plastic sleeve in mm² • Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.25 ... 6 0.25 ... 6 0.5 ... 1.5		0.25 ... 10 0.25 ... 10 1.5 ... 2.5	
Stripped length in mm	12		18	
Plug gauge (IEC 60947-1)	A5		A6	
Molded plastic type • Flammability Class acc. to UL 94	PA V0			
Approval data (UL/cUL and CSA) • Rated voltage / rated current / conductor sizes - UL/cUL: in V/A / AWG - CSA: in V/A / AWG	 -- / -- / 20 ... 8 --		600 / 65 / 16 ... 6	-- / -- / 16 ... 6
Support rails/protective conductor busbars	See section "Support rails" on page 1/3	See section "Support rails" on page 1/3	--	See section "Support rails" on page 1/3

	8WH2000-0AK00 8WH2000-0AK01	8WH2000-0CK07	8WH2000-0AM00 8WH2000-0AM01	8WH2000-0CM07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	12 / 80 / 2.2 51 / 58.5		16 / 100 / -- 59 / 66.5	
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm² • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	90 / 25 8 / 3 III / I		125 / 35	
Connection capacities • Flexible with end sleeve, with plastic sleeve in mm² • Flexible with end sleeve, without plastic sleeve in mm² • Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.25... 16 0.25 ... 16 1.5 ... 4		2.5 ... 35 2.5 ... 35 2.5 ... 10	
Stripped length in mm	18		25	
Plug gauge (IEC 60947-1)	A7		A8	
Molded plastic type • Flammability Class acc. to UL 94	PA V0			
Approval data (UL/cUL and CSA) • Rated voltage / rated current / conductor sizes - UL/cUL: in V/A / AWG - CSA: in V/A / AWG	 600 / 85 / 16 ... 4 --	-- / -- / 16 ... 4	 600 / 115 / 14 ... 2 600 / 115 / 14 ... 2	 -- / -- / 14 ... 2 -- / -- / 14 ... 2
Support rails/protective conductor busbars	--	See section "Support rails" on page 1/3	--	See section "Support rails" on page 1/3

8WH through-type terminals

	Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 8WH2000-0CJ07  8WH2000-0CJ07	**PE through-type terminals, terminal size 10 mm²** • Terminal width 10.2 mm • c UL us • IEC 60947-7-2 - Rigid 1.5 ... 16 mm² - Flexible 1.5 ... 10 mm² - AWG 24 ... 6 - *I* = 65 A • Green/yellow		**8WH2000-0CJ07**		1	50 units	044
Terminal size 16 mm²							
 8WH2000-0AK00	**Through-type terminals, terminal size 16 mm²** • Terminal width 12 mm • c UL us • IEC 60947-7-1 - Rigid 1.5 ... 25 mm² - Flexible 1.5 ... 16 mm² - AWG 24 ... 4 - *I* = 90 A - *U* = 1000 V						
	Versions						
	• Gray		**8WH2000-0AK00**		1	50 units	044
	• Blue		**8WH2000-0AK01**		1	50 units	044
 8WH2000-0CK07  8WH2000-0CK07	**PE through-type terminals, terminal size 16 mm²** • Terminal width 12 mm • c UL us • IEC 60947-7-2 - Rigid 1.5 ... 25 mm² - Flexible 1.5 ... 16 mm² - AWG 24 ... 4 - *I* = 90 A • Green/yellow		**8WH2000-0CK07**		1	25 units	044

* You can order this quantity or a multiple thereof.