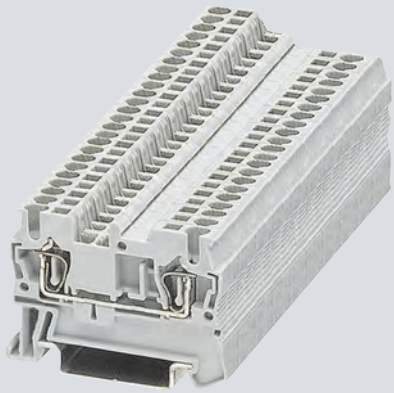
8WH2 Spring-Loaded Terminals

4



[1)] Also available as a PE version

More technical product information:

Service&Support Portal:
www.support.automation.siemens.com

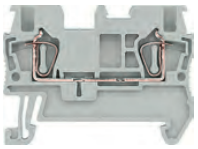
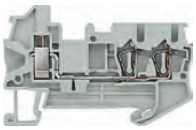
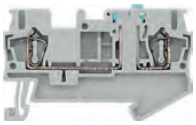
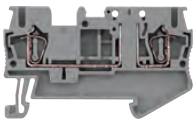
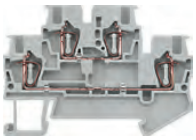
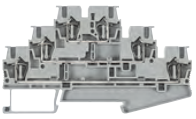
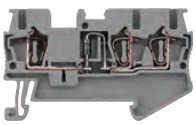
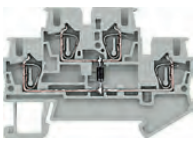
Product List:
Technical specifications

Entry List:
Updates / Downloads / FAQ /
Manuals / Operating instructions /
Characteristic curves / Certificates

8WH2 Spring-Loaded Terminals

Introduction

Overview

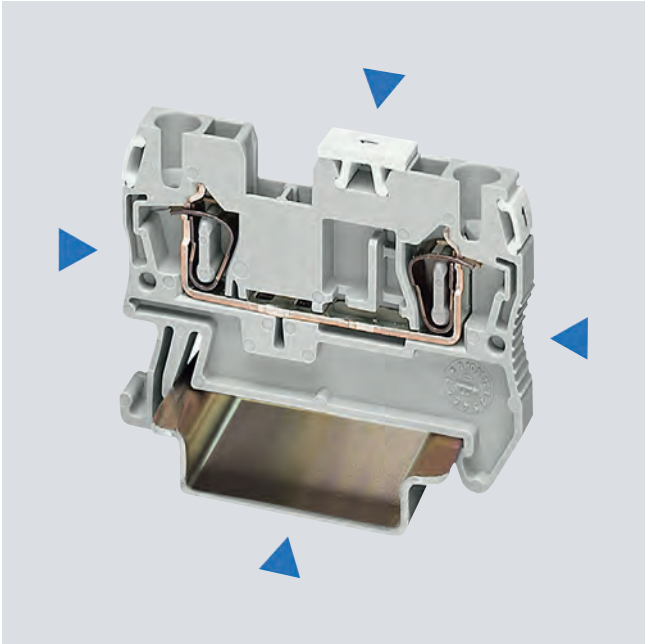
	Devices	Page	Application
8WH terminals			
	Through-type terminals	4/7	Connection of incoming and outgoing conductors up to 35 mm^2
	Hybrid through-type terminals	4/18	Terminals with a range of connection methods
	Fuse terminals	4/21	Terminals which can be used to protect control circuits, for example
	Isolating blade terminals	4/23	Isolation of the circuit, e.g. for test purposes
	Isolating terminals	4/25	Isolation of the circuit, e.g. for test purposes
	Two-tier terminals	4/27	Compact form of the terminal block in which two connection wires can be installed
	Three-tier terminals	4/33	Compact terminal blocks up to 2.5 mm^2, in which three connection wires can be installed
	Four-tier motor terminals	4/35	Compact terminal blocks up to 4 mm^2, in which three connection wires plus PE can be installed
	Diode terminals	4/37	Terminal blocks with integrated diodes
	Two-tier diode terminals	4/39	Terminal blocks with integrated diodes

Overview

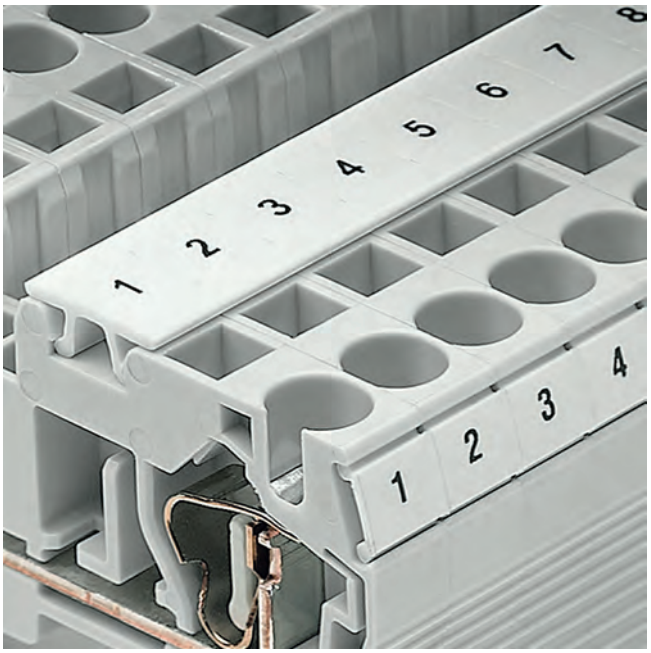
Conductor cross-section	Terminal type → / Terminal type[1)]	Color	Standard spring-loaded connection, Standard, 2, 8WH2 000	Standard, 3, 8WH2 003	Standard, 4, 8WH2 004	Two-tier, 4, 8WH2 020	Two-tier, 6, 8WH2 023	Order No. (digits 8 ... 12)
1.5 mm²	Through-type	Gray	✔	✔	✔	✔	--	0AE00
		Blue	✔	✔	✔	✔	--	0AE01
	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.

General data on 8WH

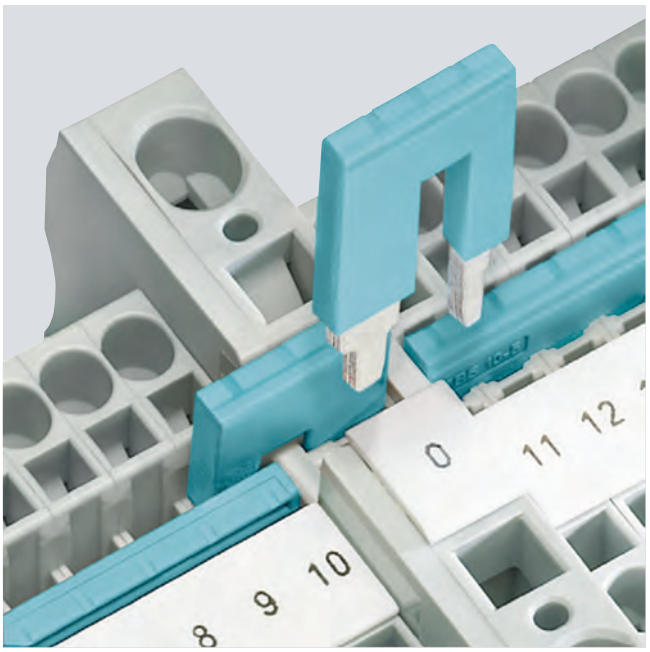


The space-saving design and conductor routing from above make spring-loaded terminals ideal for controlgear installations with minimum available space. The terminals are open at one end and can be closed using the appropriate covers.

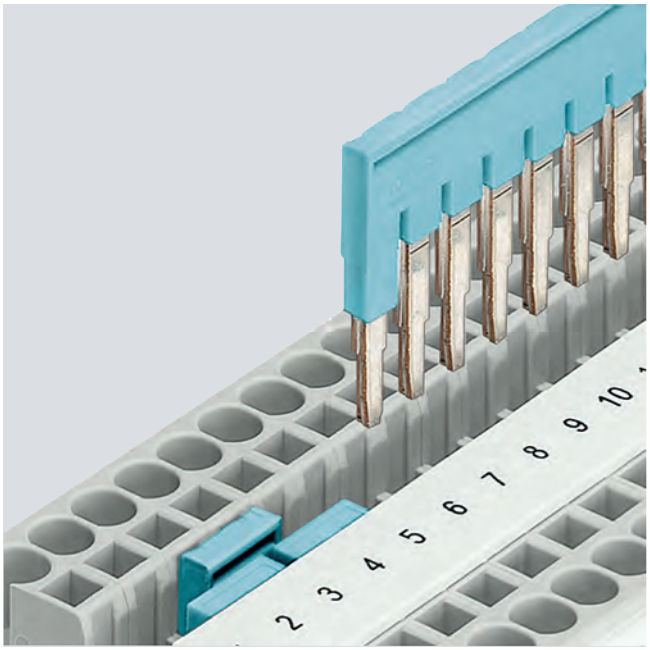


The large and unambiguous marking in the center of the terminal is essential for ensuring reliable installation in minimum time. Each clamping point can also be separately labeled.

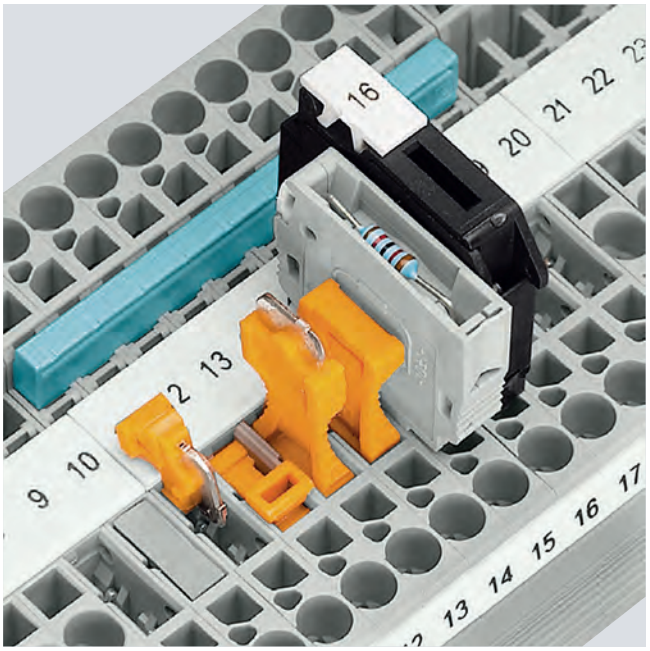
Spring-loaded terminals provide a large connection compartment for fast wiring of flexible and rigid conductors, including conductors with nominal cross-section and a fitted end sleeve.



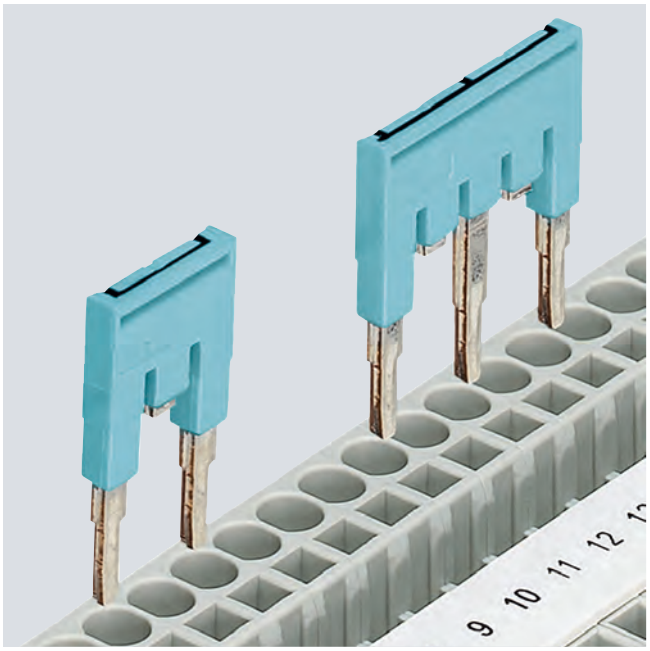
Reducing combs enable easy connection of terminals with various nominal cross-section. For example, they can be used for the fast creation of infeed blocks, e.g. by connecting a 10 mm^2 spring-loaded terminal with a 2.5 or 4 mm^2 spring-loaded terminal.



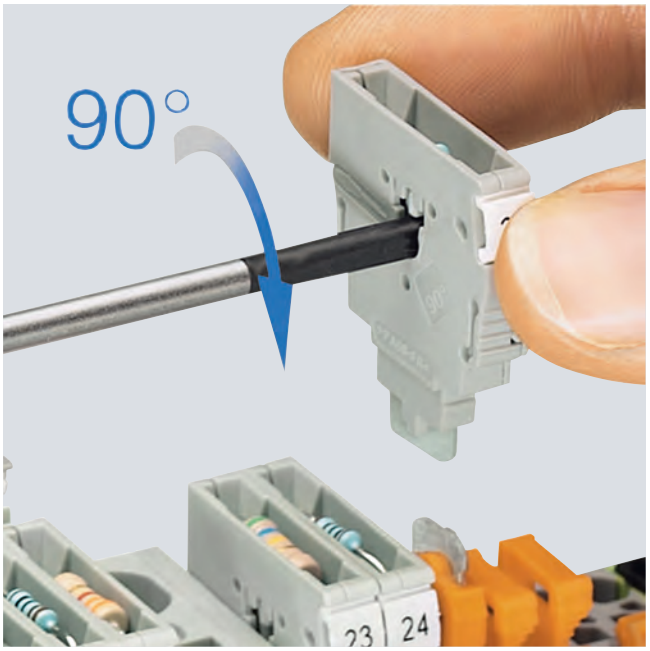
The 2 to 50-pole connecting combs also considerably reduce the time needed for assembly and wiring as they enable up to 50 terminals to be connected in a single step.



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

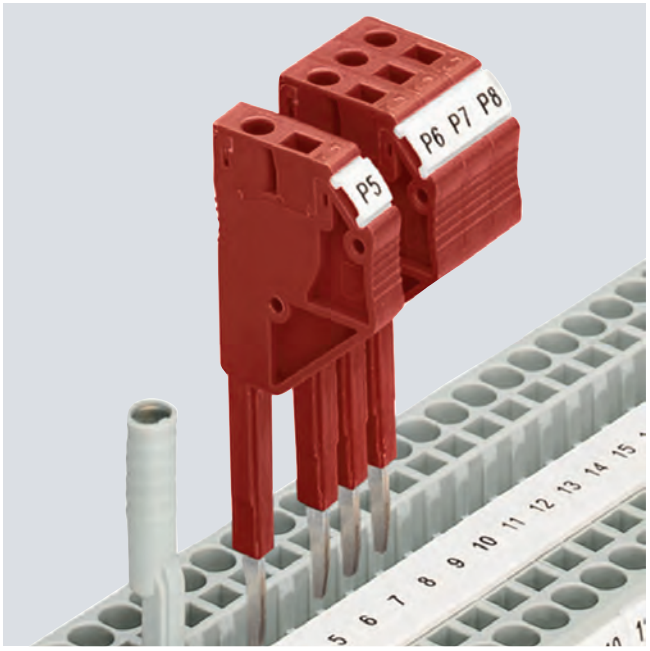


Contact tabs can be removed from the standard comb in order to skip individual terminals. This means that two potentials can run in parallel on a single terminal strip. The contact points can additionally be marked.

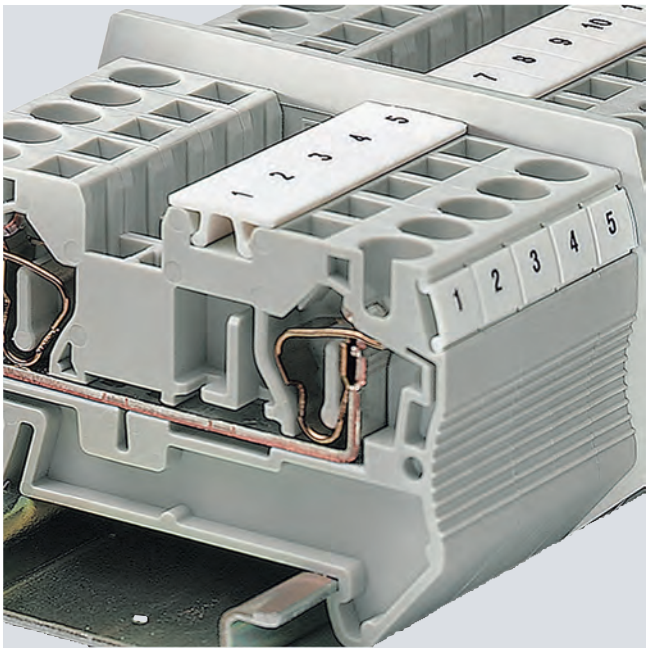


The component connector enables the convenient equipping with electronic components. One turn of the screwdriver opens the contact points and the component is easily inserted.

General data on 8WH



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.



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

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.

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.

A 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

	8WH2 000-0AE0.	8WH2 000-0CE07	8WH2 003-0AE00 8WH2 003-0AE01	8WH2 003-0CE07	8WH2 004-0AE00 8WH2 004-0AE01
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 mm² • 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 mm² • Flexible with end sleeve, without plastic sleeve in mm² • Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	 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	--

8WH through-type terminals

	8WH2 004-0CE07	8WH2 000-0AF0.	8WH2 000-0CF07	8WH2 003-0AF00 8WH2 003-0AF01	8WH2 003-0CF07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 4.2 / 72 / 2.2 36.5 / 44	 5.2 / 48.5 / 2.2 36.8 / 44		 5.2 / 60.5 / 2.2 36.5 / 44	
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	 -- 6 / 3 III / I	 31 / 4 8 / 3	--	 28 / 4	--
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 ... 1.5 0.25 ... 1.5 0.5	 0.25 ... 2.5 0.25 ... 2.5			
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A1	A3			
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	 -- / -- / 26-14 -- / -- / 26-14	 300 / 20 / 26-12 --	-- / -- / 26-12	 600 / 20 / 26-12	-- / -- / 26-12
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

	8WH2 004-0AF00 8WH2 004-0AF01	8WH2 004-0CF07	8WH2 000-0AG0.	8WH2 003-0AG00 8WH2 003-0AG01	8WH2 004-0AG00 8WH2 004-0AG01
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 5.2 / 72 / 2.2 36.5 / 44		 6.2 / 56 / 2.2 36.8 / 44	 6.2 / 71.5 / 2.2 36.5 / 44	 6.2 / 87 / 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	 28 / 4 8 / 3 III / I	--	 40 / 6		
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 ... 2.5 0.25 ... 2.5 0.5		 0.25 ... 4 0.25 ... 4 0.5 ... 1		
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A3		A4		
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 / 20 / 26-12 --	-- / -- / 26-12	 600 / 30 / 20-10		
Support rails/protective conductor busbars	--	See section "Support rails" on page 1/3	--	--	--

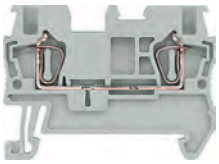
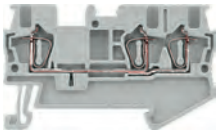
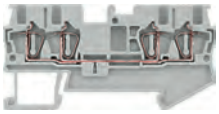
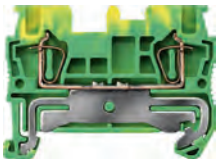
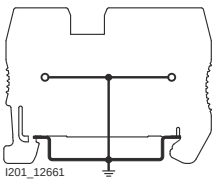
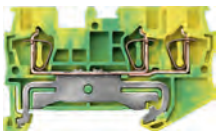
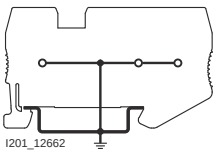
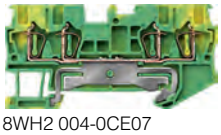
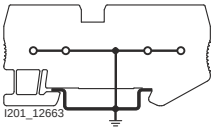
	8WH2 000-0CG07	8WH2 003-0CG07	8WH2 004-0CG07	8WH2 000-0AH00 8WH2 000-0AH01	8WH2 003-0AH00 8WH2 003-0AH01
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 6.2 / 56 / 2.2 36.8 / 44	 6.2 / 71.5 / 2.2 36.5 / 44	 6.2 / 87 / 2.2	 8.2 / 69.5 / 2.2 43.5 / 51	 8.2 / 90.5 / 2.2
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	--	--

	8WH2 000-0CH07	8WH2 003-0CH07	8WH2 000-0AJ00 8WH2 000-0AJ01	8WH2 000-0CJ07
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

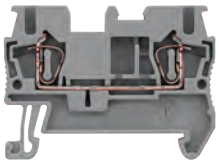
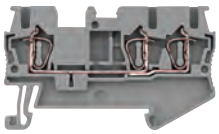
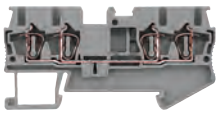
	8WH2 000-0AK00 8WH2 000-0AK01	8WH2 000-0CK07	8WH2 000-0AM00 8WH2 000-0AM01	8WH2 000-0CM07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 12 / 80 / 2.2 51 / 58.5		 16 / 100 / -- 59 / 66.5	
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section 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

Selection and ordering data

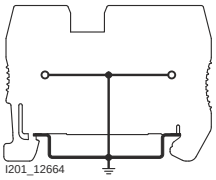
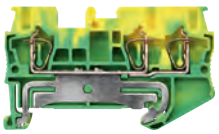
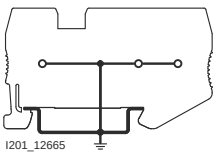
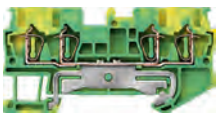
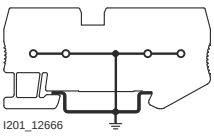
	Version	Order No.	MOQ*
Terminal size 1.5 mm²			
 8WH2 000-0AE00	**Through-type terminals, terminal size 1.5 mm²** • Terminal width 4.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 1.5 mm² - Flexible 0.08 ... 1.5 mm² - AWG 28-16 - I = 17.5 A - The total current through all connected conductors must not exceed the max. load current - U = 500 V		
 8WH2 003-0AE00	Versions		
 8WH2 004-0AE00	• Two clamping points - Gray	**8WH2 000-0AE00**	50 units
	- Blue	**8WH2 000-0AE01**	50 units
	- Orange	**8WH2 000-0AE04**	50 units
	- Red	**8WH2 000-0AE02**	50 units
	- Black	**8WH2 000-0AE08**	50 units
	- Green	**8WH2 000-0AE03**	50 units
	- White	**8WH2 000-0AE05**	50 units
	- Yellow	**8WH2 000-0AE06**	50 units
	• Three clamping points - Gray,	**8WH2 003-0AE00**	50 units
	- Blue	**8WH2 003-0AE01**	50 units
	• Four clamping points - Gray,	**8WH2 004-0AE00**	50 units
	- Blue	**8WH2 004-0AE01**	50 units
 8WH2 000-0CE07	**PE through-type terminals, terminal size 1.5 mm²** • Terminal width 4.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 1.5 mm² - Flexible 0.08 ... 1.5 mm² - AWG 28-16 • Green/yellow		
	Versions		
 I201_12661 8WH2 000-0CE07	• Two clamping points, • Three clamping points • Four clamping points,	**8WH2 000-0CE07** **8WH2 003-0CE07** **8WH2 004-0CE07**	50 units 50 units 50 units
 8WH2 003-0CE07			
 I201_12662 8WH2 003-0CE07			
 8WH2 004-0CE07			
 I201_12663 8WH2 004-0CE07			

* You can order this quantity or a multiple thereof.

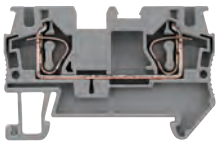
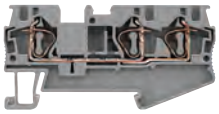
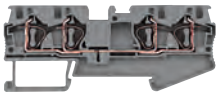
	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 000-0AF00	**Through-type terminals, terminal size 2.5 mm², two clamping points** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 31 A - U = 800 V		
	Versions		
	• Gray	**8WH2 000-0AF00**	50 units
	• Blue	**8WH2 000-0AF01**	50 units
	• Orange	**8WH2 000-0AF04**	50 units
	• Red	**8WH2 000-0AF02**	50 units
	• Black	**8WH2 000-0AF08**	50 units
	• Green	**8WH2 000-0AF03**	50 units
	• White	**8WH2 000-0AF05**	50 units
	• Yellow	**8WH2 000-0AF06**	50 units
 8WH2 003-0AF00	**Through-type terminals, terminal size 2.5 mm², three clamping points** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 28 A - The total current through all connected conductors must not exceed the max. load current - U = 800 V		
	Versions		
	• Gray	**8WH2 003-0AF00**	50 units
	• Blue	**8WH2 003-0AF01**	50 units
 8WH2 004-0AF00	**Through-type terminals, terminal size 2.5 mm², four clamping points** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 28 A - The total current through all connected conductors must not exceed the max. load current - U = 800 V		
	Versions		
	• Gray	**8WH2 004-0AF00**	50 units
	• Blue	**8WH2 004-0AF01**	50 units

* You can order this quantity or a multiple thereof.

8WH through-type terminals

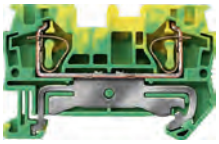
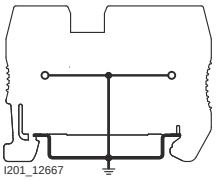
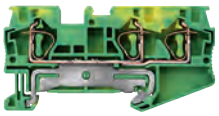
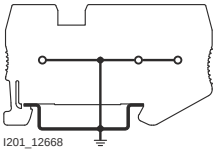
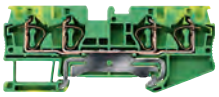
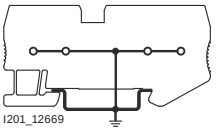
	Version	Order No.	MOQ*
 8WH2 000-0CF07	**PE through-type terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 • Green/yellow		
	Versions		
 I201_12664 8WH2 000-0CF07	• Two clamping points	**8WH2 000-0CF07**	50 units
 8WH2 003-0CF07	• Three clamping points	**8WH2 003-0CF07**	50 units
 I201_12665 8WH2 003-0CF07	• Four clamping points	**8WH2 004-0CF07**	50 units
 8WH2 004-0CF07			
 I201_12666 8WH2 004-0CF07			

* You can order this quantity or a multiple thereof.

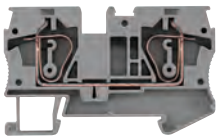
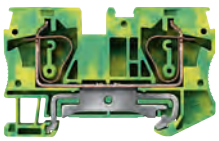
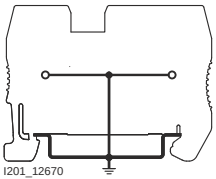
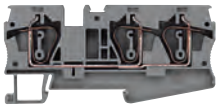
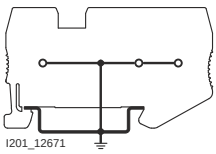
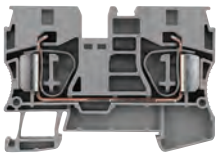
	Version	Order No.	MOQ*
Terminal size 4 mm²			
 8WH2 000-0AG00	**Through-type terminals, terminal size 4 mm², two clamping points** • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - *I* = 40 A, *U* = 800 V		
	Versions		
	• Gray	**8WH2 000-0AG00**	50 units
	• Blue	**8WH2 000-0AG01**	50 units
	• Orange	**8WH2 000-0AG04**	50 units
	• Red	**8WH2 000-0AG02**	50 units
	• Black	**8WH2 000-0AG08**	50 units
	• Green	**8WH2 000-0AG03**	50 units
	• White	**8WH2 000-0AG05**	50 units
	• Yellow	**8WH2 000-0AG06**	50 units
 8WH2 003-0AG00	**Through-type terminals, terminal size 4 mm², three clamping points** • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - *I* = 40 A, the total current through all connected conductors must not exceed the max. load current - *U* = 800 V		
	Versions		
	• Gray	**8WH2 003-0AG00**	50 units
	• Blue	**8WH2 003-0AG01**	50 units
 8WH2 004-0AG00	**Through-type terminals, terminal size 4 mm², four clamping points** • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - *I* = 40 A, the total current through all connected conductors must not exceed the max. load current - *U* = 800 V		
	Versions		
	• Gray	**8WH2 004-0AG00**	50 units
	• Blue	**8WH2 004-0AG01**	50 units

* You can order this quantity or a multiple thereof.

8WH through-type terminals

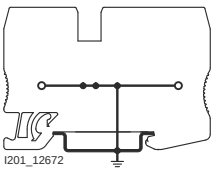
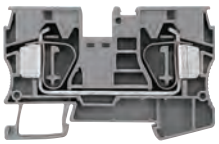
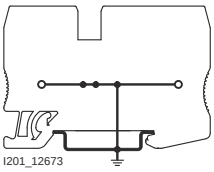
	Version	Order No.	MOQ*
 8WH2 000-0CG07	**PE through-type terminals, terminal size 4 mm²** • Terminal width 6.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 • Green/yellow		
 I201_12667 8WH2 000-0CE07	Versions • Two clamping points • Three clamping points • Four clamping points	**8WH2 000-0CG07** **8WH2 003-0CG07** **8WH2 004-0CG07**	50 units 50 units 50 units
 8WH2 003-0CG07			
 I201_12668 8WH2 003-0CG07			
 8WH2 004-0CG07			
 I201_12669 8WH2 004-0CG07			

* You can order this quantity or a multiple thereof.

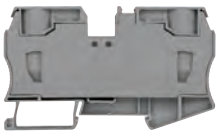
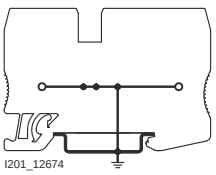
	Version	Order No.	MOQ*
Terminal size 6 mm²			
 8WH2 000-0AH00	**Through-type terminals, terminal size 6 mm², two clamping points** • Terminal width 8.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.2 ... 10 mm² - Flexible 0.2 ... 6 mm² - AWG 24-8 - I = 52 A - U = 1000 V		
	Versions		
	• Gray	**8WH2 000-0AH00**	50 units
	• Blue	**8WH2 000-0AH01**	50 units
 8WH2 000-0CH07	**PE through-type terminals, terminal size 6 mm², two clamping points** • Terminal width 8.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.2 ... 10 mm² - Flexible 0.2 ... 6 mm² - AWG 24-8 • Green/yellow	**8WH2 000-0CH07**	50 units
 I201_12670 8WH2 000-0CE07			
 8WH2 003-0AH00	**Through-type terminals, terminal size 6 mm², three clamping points** • Terminal width 8.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.2 ... 10 mm² - Flexible 0.2 ... 6 mm² - AWG 24-8 - I = 52 A - The total current through all connected conductors must not exceed the max. load current - U = 1000 V		
	Versions		
	• Gray	**8WH2 003-0AH00**	50 units
	• Blue	**8WH2 003-0AH01**	50 units
 8WH2 003-0CH07	**PE through-type terminals, terminal size 6 mm², three clamping points** • Terminal width 8.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.2 ... 10 mm² - Flexible 0.2 ... 6 mm² - AWG 24-8 • Green/yellow	**8WH2 003-0CH07**	50 units
 I201_12671 8WH2 003-0CE07			
Terminal size 10 mm²			
 8WH2 000-0AJ00	**Through-type terminals, terminal size 10 mm²** • Terminal width 10.2 mm • c UL us • IEC 60947-7-1 - Rigid 1.5 ... 16 mm² - Flexible 1.5 ... 10 mm² - AWG 24-6 - I = 65 A - U = 1000 V		
	Versions		
	• Gray	**8WH2 000-0AJ00**	50 units
	• Blue	**8WH2 000-0AJ01**	50 units

* You can order this quantity or a multiple thereof.

8WH through-type terminals

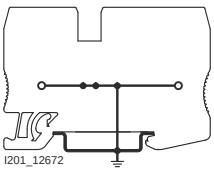
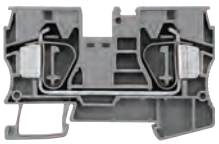
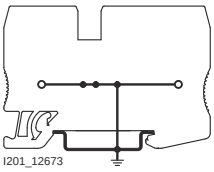
	Version	Order No.	MOQ*
 8WH2 000-0CJ07  8WH2 000-0CJ07	**PE through-type terminals, terminal size 10 mm²** • Terminal width 10.2 mm • c UL us • IEC 60947-7-2 - Rigid 1.5 ... 16 mm² - Flexible 1.5 ... 10 mm² - AWG 24-6 - I = 65 A • Green/yellow	**8WH2 000-0CJ07**	50 units
Terminal size 16 mm²			
 8WH2 000-0AK00	**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 • Blue	**8WH2 000-0AK00** **8WH2 000-0AK01**	50 units 50 units
 8WH2 000-0CK07  8WH2 000-0CK07	**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	**8WH2 000-0CK07**	25 units

* You can order this quantity or a multiple thereof.

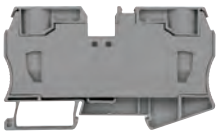
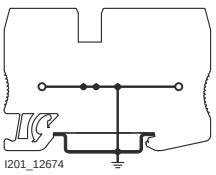
	Version	Order No.	MOQ*
Terminal size 35 mm²			
 8WH2 000-0AM00	**Through-type terminals, terminal size 35 mm²** • Terminal width 16 mm • c UL us • IEC 60947-7-1 - Rigid 2.5 ... 35 mm² - Flexible 2.5 ... 35 mm² - AWG 14-2 - I = 125 A - U = 1000 V • Enclosed at both ends		
	Versions		
	• Gray,	**8WH2 000-0AM00**	10 units
	• Blue	**8WH2 000-0AM01**	10 units
 8WH2 000-0CM07	**PE through-type terminals, terminal size 35 mm²** • Terminal width 16 mm • c UL us, • IEC 60947-7-2 - Rigid 2.5 ... 35 mm² - Flexible 2.5 ... 35 mm² - AWG 14-2 - I = 125 A • Enclosed at both ends • Green/yellow	**8WH2 000-0CM07**	10 units
 I201_12674 8WH2 000-0CM07			
Accessories			
 8WH9 070-0AA00	**Compartment partitions** • For visual and electrical separation of terminal groups • 2 mm thick		
	Versions		
	• For terminal size 1.5 ... 4 mm² and two clamping points	**8WH9 070-0AA00**	50 units
	• For terminal size 1.5 ... 4 mm² and three clamping points	**8WH9 070-0GA00**	50 units
	• For terminal size 1.5 ... 4 mm² and four clamping points	**8WH9 070-0HA00**	50 units
	• For terminal size 6 mm²	**8WH9 070-0DA00**	50 units
 8WH9 000-1GA00	**Covers** Gray		
	Versions		
	• For terminal size 1.5 ... 2.5 mm² and two clamping points	**8WH9 000-1GA00**	50 units
	• For terminal size 1.5 ... 2.5 mm² and three clamping points	**8WH9 000-2GA00**	50 units
	• For terminal size 1.5 ... 2.5 mm² and four clamping points	**8WH9 000-4GA00**	50 units
	• For terminal size 4 mm² and two clamping points	**8WH9 003-1GA00**	50 units
	• For terminal size 4 mm² and three clamping points	**8WH9 003-2GA00**	50 units
	• For terminal size 4 mm² and four clamping points	**8WH9 003-4GA00**	50 units
	• For terminal size 6 mm² and two clamping points	**8WH9 004-1GA00**	50 units
	• For terminal size 6 mm² and three clamping points	**8WH9 004-2GA00**	50 units
	• For terminal size 10 mm²	**8WH9 005-1GA00**	50 units
	• For terminal size 16 mm²	**8WH9 006-1GA00**	50 units
 8WH9 000-0GA00	**Cover segments** • Gray • For covering multi-wire terminals when mounting two-wire terminals side-by-side		
	Versions		
	• For terminal size 1.5 ... 2.5 mm²	**8WH9 000-0GA00**	10 units
	• For terminal size 4 mm²	**8WH9 003-0GA00**	10 units
 8WH9 061-5AA06	**Warning covers** Note: For the operating shafts of 8WH2 through-type terminals		
	Versions		
	• For terminal size 1.5 mm²	**8WH9 061-5AA06**	50 units
	• For terminal size 2.5 mm²	**8WH9 060-5AA06**	50 units
	• For terminal size 4 mm²	**8WH9 063-5AA06**	50 units
	• For terminal size 6 mm²	**8WH9 064-5AA06**	10 units
	• For terminal size 10 mm²	**8WH9 065-5AA06**	25 units
	• For terminal size 16 mm²	**8WH9 066-5AA06**	25 units
	• For terminal size 35 mm²	**8WH9 067-5AA06**	10 units

Note:
For general accessories for 8WH terminal blocks, see chapter 8.

8WH through-type terminals

	Version	Order No.	MOQ*
 8WH2 000-0CJ07  8WH2 000-0CJ07	**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	**8WH2 000-0CJ07**	50 units
Terminal size 16 mm²			
 8WH2 000-0AK00	**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 • Blue	**8WH2 000-0AK00** **8WH2 000-0AK01**	50 units 50 units
 8WH2 000-0CK07  8WH2 000-0CK07	**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	**8WH2 000-0CK07**	25 units

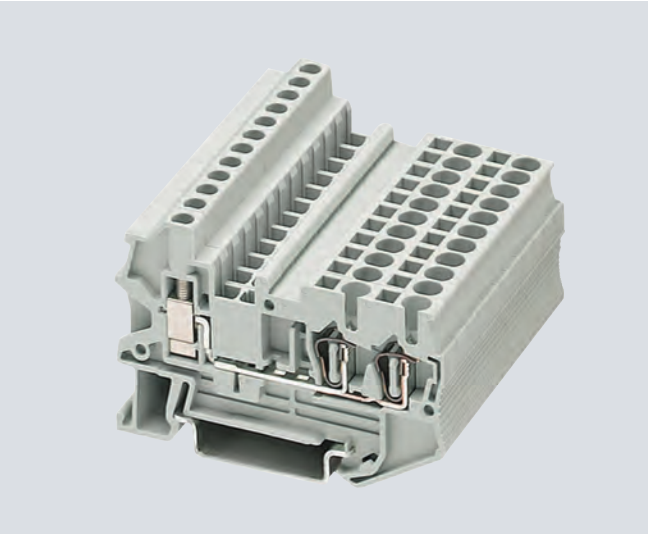
* You can order this quantity or a multiple thereof.

	Version	Order No.	MOQ*
Terminal size 35 mm²			
 8WH2 000-0AM00	**Through-type terminals, terminal size 35 mm²** • Terminal width 16 mm • c UL us • IEC 60947-7-1 - Rigid 2.5 ... 35 mm² - Flexible 2.5 ... 35 mm² - AWG 14-2 - I = 125 A - U = 1000 V • Enclosed at both ends		
	Versions		
	• Gray,	**8WH2 000-0AM00**	10 units
	• Blue	**8WH2 000-0AM01**	10 units
 8WH2 000-0CM07	**PE through-type terminals, terminal size 35 mm²** • Terminal width 16 mm • c UL us, • IEC 60947-7-2 - Rigid 2.5 ... 35 mm² - Flexible 2.5 ... 35 mm² - AWG 14-2 - I = 125 A • Enclosed at both ends • Green/yellow	**8WH2 000-0CM07**	10 units
 I201_12674 8WH2 000-0CM07			
Accessories			
 8WH9 070-0AA00	**Compartment partitions** • For visual and electrical separation of terminal groups • 2 mm thick		
	Versions		
	• For terminal size 1.5 ... 4 mm² and two clamping points	**8WH9 070-0AA00**	50 units
	• For terminal size 1.5 ... 4 mm² and three clamping points	**8WH9 070-0GA00**	50 units
	• For terminal size 1.5 ... 4 mm² and four clamping points	**8WH9 070-0HA00**	50 units
	• For terminal size 6 mm²	**8WH9 070-0DA00**	50 units
 8WH9 000-1GA00	**Covers** Gray		
	Versions		
	• For terminal size 1.5 ... 2.5 mm² and two clamping points	**8WH9 000-1GA00**	50 units
	• For terminal size 1.5 ... 2.5 mm² and three clamping points	**8WH9 000-2GA00**	50 units
	• For terminal size 1.5 ... 2.5 mm² and four clamping points	**8WH9 000-4GA00**	50 units
	• For terminal size 4 mm² and two clamping points	**8WH9 003-1GA00**	50 units
	• For terminal size 4 mm² and three clamping points	**8WH9 003-2GA00**	50 units
	• For terminal size 4 mm² and four clamping points	**8WH9 003-4GA00**	50 units
	• For terminal size 6 mm² and two clamping points	**8WH9 004-1GA00**	50 units
	• For terminal size 6 mm² and three clamping points	**8WH9 004-2GA00**	50 units
	• For terminal size 10 mm²	**8WH9 005-1GA00**	50 units
	• For terminal size 16 mm²	**8WH9 006-1GA00**	50 units
 8WH9 000-0GA00	**Cover segments** • Gray • For covering multi-wire terminals when mounting two-wire terminals side-by-side		
	Versions		
	• For terminal size 1.5 ... 2.5 mm²	**8WH9 000-0GA00**	10 units
	• For terminal size 4 mm²	**8WH9 003-0GA00**	10 units
 8WH9 061-5AA06	**Warning covers** Note: For the operating shafts of 8WH2 through-type terminals		
	Versions		
	• For terminal size 1.5 mm²	**8WH9 061-5AA06**	50 units
	• For terminal size 2.5 mm²	**8WH9 060-5AA06**	50 units
	• For terminal size 4 mm²	**8WH9 063-5AA06**	50 units
	• For terminal size 6 mm²	**8WH9 064-5AA06**	10 units
	• For terminal size 10 mm²	**8WH9 065-5AA06**	25 units
	• For terminal size 16 mm²	**8WH9 066-5AA06**	25 units
	• For terminal size 35 mm²	**8WH9 067-5AA06**	10 units

Note:
For general accessories for 8WH terminal blocks, see chapter 8.

8WH hybrid through-type terminals

Overview



The terminal connection compartment, on the spring-loaded side as well as on the screw side, enables connection to a nominal cross-section of 2.5 mm² or 4 mm², with or without end sleeves. The advantages of the different connection types are due to the fact that the spring-loaded terminal of the hybrid through-type terminal is used inside the control cabinet and the universal screw terminal is used at the end-user's side. A PE terminal with the same contour is available for the three-wire terminal. Contact is made by simply snapping the terminal onto the support rail.

This meets the requirements of IEC 60947-7-2:

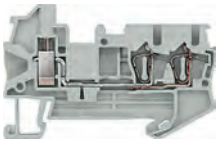
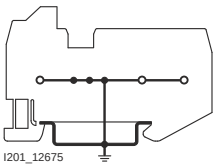
- Low contact resistance
- Stainless clamping points
- Green-yellow enclosure
- Additional inscription options.

A 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.

Technical specifications

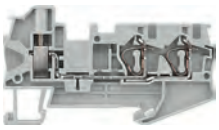
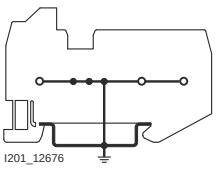
	8WH2 103-2BF00 8WH2 103-2BF01	8WH2 103-3BF07	8WH2 103-2BG00 8WH2 103-2BG01	8WH2 103-3BG07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 5.2 / 65.3 / 2.2 42.8 / 50.3		 6.2 / 74.4 / 2.2	
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm² • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	 28 / 4 8 / 3 III / I	--	 32 / 6	--
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 ... 2.5 0.25 ... 2.5 0.5 ... 1		 0.25 ... 4 0.25 ... 4	
Stripped length in mm	10			
Plug gauge (IEC 60947-1)	A3		A4	
Connection capacity of screw terminal • Flexible with end sleeves with/without plastic sleeve in mm²	 0.25 ... 2.5 / 0.25 ... 2.5		 0.25 ... 4 / 0.25 ... 4	
Multi-conductor connection (two conductors of same cross-section) • Rigid/flexible in mm² • Flexible with end sleeve, without plastic sleeve in mm² • Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	 0.14 ... 1.5 / 0.14 ... 1.5 0.25 ... 1.5 0.5 ... 1.5		 0.5 ... 2.5	
Stripped length in mm	9			
Plug gauge (IEC 60947-1)	A3		A4	
Tightening torque in Nm	0.6 ... 0.8		0.6.....0.8	
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	 Applied for Applied for			
Support rails/protective conductor busbars	--	See section "Support rails" on page 1/3	--	See section "Support rails" on page 1/3

Selection and ordering data

	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 103-2BF00	**Hybrid through-type terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • IEC 60947-7-1 • Spring - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 28 A - The total current through all connected conductors must not exceed the max. load current - U = 800 V • Screw - Rigid 0.14 ... 4 mm² - Flexible 0.14 ... 2.5 mm² - AWG 26-14 - I = 28 A - U = 800 V		
	Versions		
	• Gray	**8WH2 103-2BF00**	50 units
	• Blue	**8WH2 103-2BF01**	50 units
 8WH2 103-3BF07	**PE hybrid through-type terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • IEC 60947-7-2 • Spring - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 • Screw - Rigid 0.14 ... 4 mm² - Flexible 0.14 ... 2.5 mm² - AWG 26-14	**8WH2 103-3BF07**	50 units
 I201_12675 8WH2 103-3BF07			

* You can order this quantity or a multiple thereof.

8WH hybrid through-type terminals

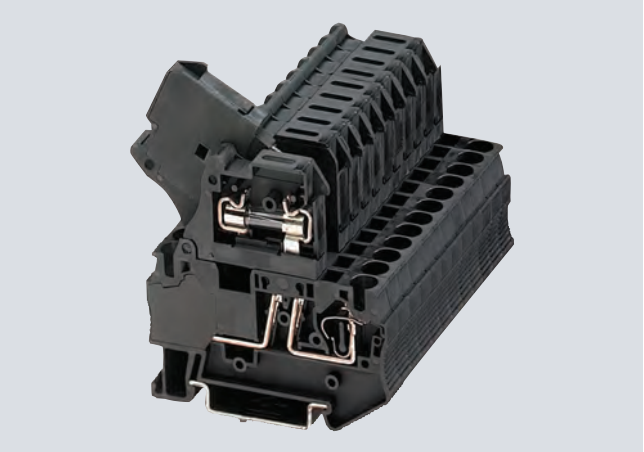
	Version	Order No.	MOQ*
Terminal size 4 mm²			
 8WH2 103-2BG00	**Hybrid through-type terminals, terminal size 4 mm²** • Terminal width 6.2 mm • IEC 60947-7-1 • Spring - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 - I = 32 A - The total current through all connected conductors must not exceed the max. load current - U = 800 V • Screw - Rigid 0.14 ... 6 mm² - Flexible 0.14 ... 4 mm² - AWG 26-10 - I = 32 A - U = 800 V		
	Versions		
	• Gray	**8WH2 103-2BG00**	50 units
	• Blue	**8WH2 103-2BG01**	50 units
 8WH2 103-3BG07	**PE hybrid through-type terminals, terminal size 4 mm²** • Terminal width 6.2 mm • IEC 60947-7-2 • Spring - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 • Screw - Rigid 0.14 ... 6 mm² - Flexible 0.14 ... 4 mm² - AWG 26-10	**8WH2 103-3BG07**	50 units
 I201_12676 8WH2 103-3BG07			
Accessories			
 8WH9 000-2HA00	**Covers** Gray		
	Versions		
	• For terminal size 2.5 mm² and three clamping points	**8WH9 000-2HA00**	50 units
	• For terminal size 4 mm² and three clamping points	**8WH9 003-2HA00**	50 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview



Fuse terminals for blade-type fuses

The fuse terminals for blade-type fuses accommodate blade-type fuses according to ISO/DIS 8820 / DIN 72581-3. Terminals with LED display are available for fast fault diagnosis "at a glance".

Fuse terminals for G fuse links

Fuse terminals perform two important tasks in connected electrical systems. Firstly, they act as a fuse carrier and, secondly, as a potential distributor.

The full-length bridge shaft enables uninterrupted bridging between the through-type terminals and the fuse terminals.

Fuse terminals for G fuse links are available for standardized electrical fuse formats 5 × 20 mm and 6.3 × 32 mm (inch fuse) – and are optionally available with LED display to signal a blown fuse.

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

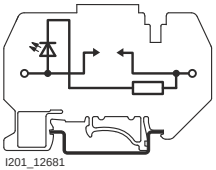
Technical specifications

	8WH2 000-1AG08 8WH2 000-1BG28 8WH2 000-1BG38	**8WH2 000-1GG08 8WH2 000-1JG38 8WH2 000-1JG68 8WH2 000-1MG08**	**8WH2 000-1HG08 8WH2 000-1NG38 8WH2 000-1NG68 8WH2 000-1RG08**
Dimensions			
• Width/length in mm	8.2 / 86.5	6.2 / 61.5	8.2 / 76.5
• Height (NS 35/7.5 / NS 35/15) in mm	43.5 / 51	62.5 / 70	69 / 76.5
Technical specifications acc. to IEC/DIN VDE			
• Fuse type ISO/DIS 8820 / DIN 72581-3 / dimensions / in mm	C	G / 5 × 20	G / 6.3 × 32
• Maximum current for single arrangement in A	30	3.3	10
Max. power loss at 23 °C acc. to IEC 60647-7-3 in W[1)]			
• *U* in V	--	250	400
• Overload protection			
- Individually in W	--	1.6	
- As group in W	--	1.6	
• Without short-circuit protection			
- Individually in W	--	4	
- As group in W	--	2.5	
• I_{max} in A	--	6.3	10
• Rated impulse withstand voltage in kV / pollution degree	6 / 3	4 / 3	6 / 3
• Overvoltage category / molded plastic group	III / I		
Connection capacities			
• Flexible with end sleeve without/with plastic sleeve in mm²	0.25 ... 4 / 0.25 ... 4		
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.5		
Stripped length in mm	10		
Plug gauge (IEC 60947-1)	A4	A3	A4
Molded plastic type	PA		
• Flammability class acc. to UL 94	V0		
Approval data (UL/cUL and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/cUL: in V/A / AWG	600 / 30 / 24-10	300 / 6.3 / 24-10	300 / 10 / 24-10
- CSA: in V/A / AWG	--		

1) Please note: The G fuse holders must be selected according to the maximum power loss (heat dissipation) of the G fuse links. Depending on the application and method of installation, the heat rise conditions in closed fuse holders must be tested. Higher ambient temperatures represent an additional load for the fuse links. A shift in rated current should therefore be taken into account in such applications. When selecting G fuse links, make sure that they do not exceed the specified maximum power loss. For specification details, contact the fuse manufacturer.

8WH fuse terminals

Selection and ordering data

	Version	Order No.	MOQ*
Terminal size 4 mm²			
 8WH2 000-1AG08  8WH2 000-1BG28  I201_12681 8WH2 000-1BG28	**Fuse terminals, terminal size 4 mm², for blade-type fuses acc. to ISO/DIS8820/DIN72581-3** • Terminal width 8.2 mm • cULus • Connection data - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 - I = 30 A - U = 400 V • Enclosed at both ends Versions • Without LED display • LED display 12 V • LED display 24 V	**8WH2 000-1AG08** **8WH2 000-1BG28** **8WH2 000-1BG38**	50 units 50 units 50 units
 8WH2 000-1GG08  8WH2 000-1JG38	**Fuse terminals, terminal size 4 mm², for 5 x 20 mm G fuse links** • Terminal width 6.2 mm • cULus • IEC 60947-7-3 • With fuse - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - I_{max} = 6.3 A, only short-circuit protection, single 4 W, group 2.5 W - U = 250 V, overload protection, single 4 W, group 1.6 W • As isolating terminal - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - I = 6.3 A, U = 250 V • Enclosed at both ends Versions • Without LED display • LED display 15 to 30 V • LED display 30 to 60 V • LED display 110 to 250 V	**8WH2 000-1GG08** **8WH2 000-1JG38** **8WH2 000-1JG68** **8WH2 000-1MG08**	50 units 50 units 50 units 50 units
 8WH2 000-1HG08	**Fuse terminals, terminal size 4 mm², for G fuse links 6.3 x 32 mm (inch fuses)** • Terminal width 8.2 mm • cULus • IEC 60947-7-3 • With fuse - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - I = 10 A, - U = 400 V - Current and voltage are determined by the fitted fuse or the selected LED display • As isolating terminal - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - I = 10 A, U = 400 V • Enclosed at both ends Versions • Without LED display • With LED display 100 V to 250 V	**8WH2 000-1HG08** **8WH2 000-1RG08**	50 units 50 units
Accessories			
 8WH9 070-0AA00	**Compartment partitions, for terminal sizes 1.5 and 4 mm²** Versions • Two clamping points • Three clamping points (inch fuse)	**8WH9 070-0AA00** **8WH9 070-0KA00**	50 units 50 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview

Through-type terminals with isolating blade capability are the most commonly used terminal types in measuring and control technology.

The isolating blade terminals with nominal cross-section of 2.5 mm² are characterized in particular by their slim design of 5.2 mm and their high current-carrying capacity of 16 A.
In addition the terminals provide a test tap parallel to the isolation point for 2.3 mm ⌀ test plugs. Potential distributors can be conveniently assembled using connecting combs.

Terminals with three and four clamping points are available for multi-conductor connection. With their compact design these terminals can also be used in small terminal boxes and their front connection arrangement enables user-friendly wiring.

The isolating blade is secured to the terminal so that it cannot be lost.

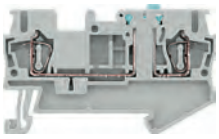
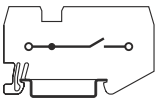
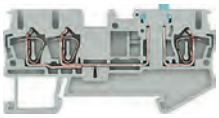
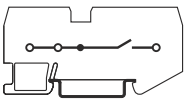
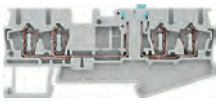
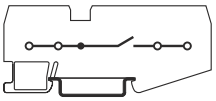
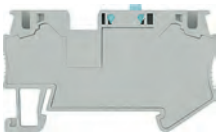
A label can be snapped on to the middle of the terminal at the front. Further labels can also be mounted flat on the side of the terminals.

Technical specifications

	8WH2 000-6CF00	8WH2 500-6CF00	8WH2 003-6CF00	8WH2 004-6CF00	8WH2 000-6CG00
Dimensions					
• Width/length/cover width in mm	5.2 / 60.5 / 2.2	5.2 / 51 / 2.2	5.2 / 72 / 2.2	5.2 / 84 / 2.2	6.2 / 61.5 / --
• Height (NS 35/7.5 / NS 35/15) in mm	36.5 / 44	43 / 50.5	36.5 / 44		
Technical specifications acc. to IEC/DIN VDE					
• Max. load current in A / cross-section in mm²	16 / 4				16 / 6
• Maximum data // rated data in A / mm²	--				
• Rated impulse withstand voltage in kV / pollution degree	6 / 3				
• Overvoltage category / molded plastic group	III / I				
Connection capacities					
• Flexible with end sleeve, with plastic sleeve in mm²	0.25... 2.5				0.25 ... 4
• Flexible with end sleeve, without plastic sleeve in mm²	0.25 ... 2.5				0.25 ... 4
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.5				
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A4	A3	A4	A3	
Molded plastic type	PA				
• Flammability class acc. to UL 94	V0				
Approval data (UL/cUL and CSA)					
• Rated voltage / rated current / conductor sizes					
- UL/cUL: in V/A / AWG	600 / 16 / 26-12	600 / 16 / 24-12	600 / 16 / 26-12		300 / 6.3 / 24-10
- CSA: in V/A / AWG	--				

8WH isolating blade terminals

Selection and ordering data

	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 000-6CF00  I201_12684 8WH2 000-6CF00  8WH2 003-6CF00  I201_12685 8WH2 003-6CF00  8WH2 004-6CF00  I201_12686 8WH2 004-6CF00	**Isolating blade terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 16 A - U = 400 V • For 3 and 4 clamping points: - Rigid 0.14 ... 4 mm² - Flexible 0.14 ... 2.5 mm² - AWG 26-14 Versions • Gray - Two clamping points - Three clamping points - Four clamping points Note On terminals with three and four clamping points, the total current through all connected conductors must not exceed the max. load current.	**8WH2 000-6CF00** **8WH2 003-6CF00** **8WH2 004-6CF00**	50 units 50 units 50 units
 8WH2 000-6CG00	**Isolating blade terminals, size 4mm², two clamping points** • Gray • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 6 mm², flexible 0.08 ... 4 mm², AWG 28-10 - I = 16 A, U = 400 V • Enclosed at both ends	**8WH2 000-6CG00**	50 units
Accessories			
 8WH9 070-0AA00	**Compartment partitions, for terminal size 1.5 to 4 mm²** Versions • Two clamping points • Three clamping points • Four clamping points	**8WH9 070-0AA00** **8WH9 070-0GA00** **8WH9 070-0HA00**	50 units 50 units 50 units
 88WH9 000-2GA00	**Covers, for terminal sizes 1.5 ... 2.5 mm²** Versions • For two clamping points • For three clamping points • For four clamping points	**8WH9 000-2GA00** **8WH9 000-4GA00** **8WH9 000-5GA00**	50 units 50 units 50 units
 8WH9 000-0GA00	**Cover segments, for terminal size 2.5 mm² and three or four clamping points**	**8WH9 000-0GA00**	10 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview

The isolating terminals are available with the same contour as the isolating blade terminals. The terminals excel with their narrow width of only 5.2 mm and their high current load rating of 16 A.

There is a test option for 2.3 mm ⌀ test plugs at both ends of the isolating point.

The 6.2 mm wide isolating terminal with terminal size 4 mm² is a base terminal for accommodating:

- Isolating plugs
- Through-type connectors
- Fused connectors
- Component connectors

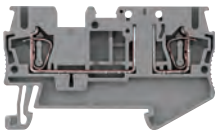
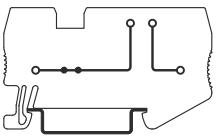
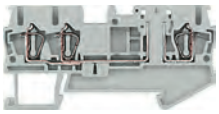
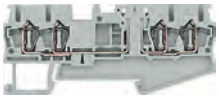
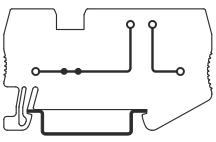
A label can be snapped on to the middle of the terminal at the front. Further labels can also be mounted flat on the side of the terminals.

Technical specifications

	8WH2 000-6AF00	8WH2 500-6AF00	8WH2 003-6AF00	8WH2 004-6AF00	8WH2 000-6AG00
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 5.2 / 60.5 / 2.2 36.5 / 44	 5.2 / 51 / 2.2 43 / 50.5	 5.2 / 72 / 2.2 36.5 / 44	 5.5 / 84 / 2.2	 6.2 / 61.5 / --
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	 16 / 4 6 / 3 III / I				 16 / 6
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 ... 2.5 0.25 ... 2.5 0.5				 0.25 ... 4 0.25 ... 4
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A3				A4
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 / 16 / 26-12 --	300 / 16 / 24-12	300 / 16 / 26-12		300 / 6.3 / 24-10

8WH isolating terminals

Selection and ordering data

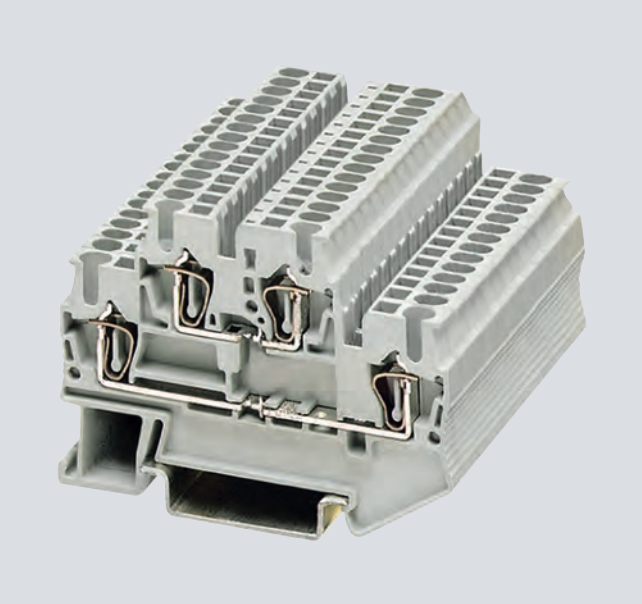
	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 000-6AF00	**Isolating terminals, terminal size 2.5 mm²** • Gray • Terminal width 5.2 mm • cULus • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - Current and voltage are determined by the fitted plug - I = 16 A - U = 400 V		
 I201_12682 8WH2 000-6AF00	Versions		
	• Two clamping points	**8WH2 000-6AF00**	50 units
	• Three clamping points	**8WH2 003-6AF00**	50 units
	• Four clamping points	**8WH2 004-6AF00**	50 units
 8WH2 003-6AF00			
 8WH2 004-6AF00			
Terminal size 4 mm²			
 8WH2 000-6AG00	**Isolating terminals, terminal size 4 mm², two clamping points** • Gray • Terminal width 6.2 mm • cULus • IEC 60947-7-1 - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 - Current and voltage are determined by the fitted plug - I = 16 A - U = 400 V • Enclosed at both ends	**8WH2 000-6AG00**	50 units
 I201_12682 8WH2 000-6AG00			
Accessories			
 8WH9 070-0GA00	**Compartment partitions**		
	Versions		
	• For terminal size 2.5 mm²		
	- For three clamping points	**8WH9 070-0GA00**	50 units
	- For four clamping points	**8WH9 070-0HA00**	50 units
	• For terminal size 4 mm²		
	- For two clamping points	**8WH9 070-0AA00**	50 units
 8WH9 000-2GA00	**Covers** Gray		
	Versions		
	• For terminal size 1.5 ... 2.5 mm² and two clamping points	**8WH9 000-2GA00**	50 units
	• For terminal size 2.5 mm² and three clamping points	**8WH9 000-4GA00**	50 units
	• For terminal size 2.5 mm² and four clamping points	**8WH9 000-5GA00**	50 units
 8WH9 000-0GA00	**Cover segments, for terminal size 1.5 mm² and 2.5 mm² and three or four clamping points** Gray	**8WH9 000-0GA00**	10 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview



Standard two-tier terminals

With the two voltage levels routed through two separate tiers, the two-tier terminals require 50% less space than equivalent single-tier terminals. To implement a wide range of wiring tasks, connecting combs can be fitted to both tiers of the spring-loaded terminal series. Facilities for inscription are provided at each clamping point.

PE/ground conductor function

Perfect mechanical and electrical contact with the support rail is provided by simply snapping the terminals onto the rail.

The PE two-tier terminals meet all the requirements of IEC 60947-7-2:

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

PE/L and PE/N types

The PE/L and PE/N types provide a PE/ground contact to the support rail in the lower tier. The upper tier is designed as a through-type tier. Color coding of the PE and neutral tiers enables clear and unambiguous distribution of the potential.

The clamping points of two-tier terminals can be inscribed with flat labels.

Technical specifications

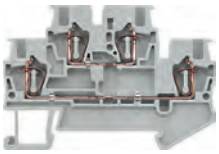
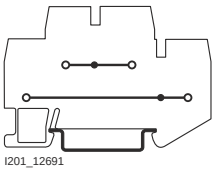
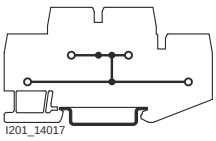
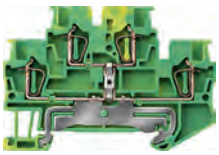
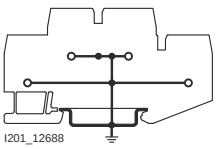
	8WH2 020-0AE00 8WH2 020-0AE01 8WH2 025-0AE00	8WH0 020-0CE07	8WH2 020-0AF00 8WH2 020-0AF01 8WH2 025-0AF00	8WH2 023-0AF00 8WH2 023-0AF01 8WH2 022-0AF00	8WH2 020-0CF07
Dimensions • Width/length/cover width in mm • Height (NS 35/7.5 / NS 35/15) in mm	 4.2 / 67.5 / 2.2 47.5 / 55		 5.2 / 67.5 / 2.2	 5.2 / 91.5 / 2.2	 5.2 / 67.5 / 2.2
Technical specifications acc. to IEC/DIN VDE • Max. load current in A / cross-section in mm^2 • Maximum data / rated data in A / mm^2 • Rated impulse withstand voltage in kV / pollution degree • Overvoltage category / molded plastic group	 17.5 / 1.5 -- 6 / 3 III / I	 --	 26 / 4	 -- 26 / 4 // 22 / 2.5	 -- --
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		 0.25 ... 2.5 0.25 ... 2.5		
Stripped length in mm	10				
Plug gauge (IEC 60947-1)	A1		A3		
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	 600 / 20 / 26-12 --	 300 / 20 / 26-12	 -- / -- / 26-12 -- / -- / 26-12
Support rails/protective conductor busbars	--	See section "Support rails" on page 1/3	--		See section "Support rails" on page 1/3

8WH two-tier terminals

	8WH2 023-0CF07	8WH2 020-4AF00	8WH2 020-4BF00
Dimensions			
• Width/length/cover width in mm	5.2 / 91.5 / 2.2	5.2 / 67.5 / 2.2	
• Height (NS 35/7.5 / NS 35/15) in mm	47.5 / 55		
Technical specifications acc. to IEC/DIN VDE			
• Max. load current in A / cross-section in mm^2	--	32 / 4	
• Rated impulse withstand voltage in kV / pollution degree	6 / 3		
• Overvoltage category / molded plastic group	III / I		
Connection capacities			
• Flexible with end sleeve, with plastic sleeve in mm^2	0.25 ... 2.5		
• Flexible with end sleeve, without plastic sleeve in mm^2	0.25 ... 2.5		
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm^2	0.5		
Stripped length in mm	10		
Plug gauge (IEC 60947-1)	A3		
Molded plastic type	PA		
• Flammability class acc. to UL 94	V0		
Approval data (UL/cUL and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/cUL: in V/A / AWG	-- / -- / 26-12	300 / 20 / 26-12	--
- CSA: in V/A / AWG	-- / -- / 26-12	--	
Support rails/protective conductor busbars	See section "Support rails" on page 1/3	--	

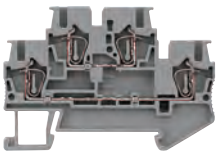
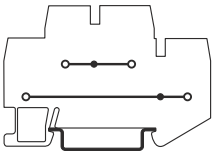
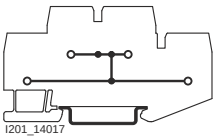
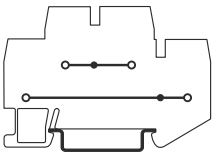
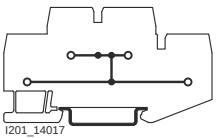
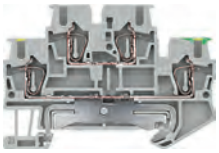
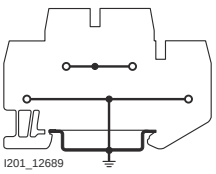
	8WH2 020-4CF00	8WH2 020-0AG00 8WH2 020-0AG01 8WH2 025-0AG00	8WH2 020-0CG07
Dimensions			
• Width/length/cover width in mm	5.2 / 67.5 / 2.2	6.2 / 83.5 / 2.2	6.2 / 83.5 / 2.2
• Height (NS 35/7.5 / NS 35/15) in mm	47.5 / 55		
Technical specifications acc. to IEC/DIN VDE			
• Max. load current in A / cross-section in mm^2	26 / 4	32 / 6	--
• Rated impulse withstand voltage in kV / pollution degree	6 / 3		
• Overvoltage category / molded plastic group	III / I		
Connection capacities			
• Flexible with end sleeve, with plastic sleeve in mm^2	0.25 ... 2.5	0.25 ... 4	0.25 ... 4
• Flexible with end sleeve, without plastic sleeve in mm^2	0.25 ... 2.5	0.25 ... 4	0.25 ... 4
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm^2	0.5	0.5 ... 1	0.5 ... 1
Stripped length in mm	10		
Plug gauge (IEC 60947-1)	A3	A4	
Molded plastic type	PA		
• Flammability class acc. to UL 94	V0		
Approval data (UL/cUL and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/cUL: in AWG	300 / 20 / 26-12	300 / 30 / 20-10	20-10
- CSA: in AWG	-- / -- / 26-12		20-10
Support rails/protective conductor busbars	--		See section "Support rails" on page 1/3

Selection and ordering data

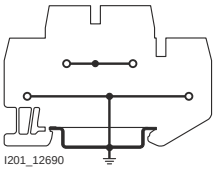
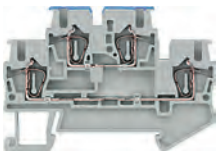
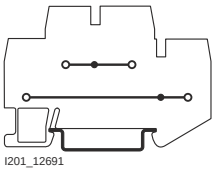
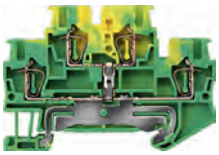
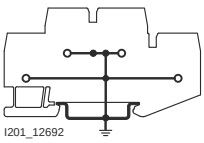
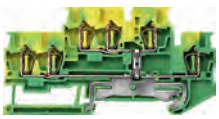
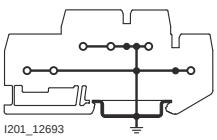
	Version	Order No.	MOQ*
Terminal size 1.5 mm²			
 8WH2 020-0AE00	**Two-tier terminals, terminal size 1.5 mm²** • Terminal width 4.2 mm • c UL us, CSA • IEC 60947-7-1 - Rigid 0.08 ... 1.5 mm² - Flexible 0.08 ... 1.5 mm² - AWG 28-16 - I = 17.5 A - The total current through all connected conductors must not exceed the max. load current - U = 500 V		
 I201_12691 8WH2 020-0AE00	Versions • Gray - Without equipotential bonding, 2-pole CSA - With equipotential bonding, 1-pole • Blue, 2-pole	**8WH2 020-0AE00** **8WH2 025-0AE00** **8WH2 020-0AE01**	50 units 50 units 50 units
 I201_14017 8WH2 025-0AE00			
 8WH2 020-0CE07	**PE two-tier terminals, terminal size 1.5 mm²** • Terminal width 4.2 mm • c UL us, CSA • IEC 60947-7-1 - Rigid 0.08 ... 1.5 mm² - Flexible 0.08 ... 1.5 mm² - AWG 28-16 • Green/yellow	**8WH2 020-0CE07**	50 units
 I201_12688 8WH2 020-0CE07			

* You can order this quantity or a multiple thereof.

8WH two-tier terminals

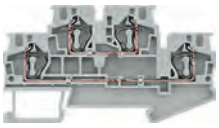
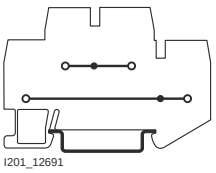
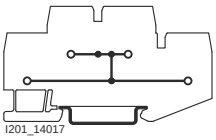
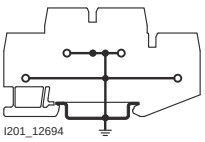
	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 020-0AF00  I201_12691 8WH2 020-0AF00  I201_14017 8WH2 025-0AF00	**Two-tier terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 26 A - The total current through all connected conductors must not exceed the max. load current - U = 500 V Versions • Gray - Without equipotential bonding, 2-pole - With equipotential bonding, 1-pole • Blue - Without equipotential bonding, 2-pole - With equipotential bonding, 1-pole	**8WH2 020-0AF00** **8WH2 025-0AF00** **8WH2 020-0AF01** **8WH2 025-0AF01**	50 units 50 units 50 units 50 units
 8WH2 023-0AF00  I201_12691 8WH2 023-0AF00  I201_14017 8WH2 022-0AF00	**Two-tier terminals, terminal size 2.5 mm², three clamping points on one level** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 26 A - The total current through all connected conductors must not exceed the max. load current - U = 500 V Versions • Gray - Without equipotential bonding, 2-pole - With equipotential bonding, 1-pole • Blue, 2-pole	**8WH2 023-0AF00** **8WH2 022-0AF00** **8WH2 023-0AF01**	50 units 50 units 50 units
 8WH2 020-4AF00  I201_12689 8WH2 020-4AF00	**Two-tier terminals, terminal size 2.5 mm², L at top and PE at bottom** • Gray • Terminal width 5.2 mm • c UL us • DIN VDE 0611 and IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 32 A - U = 500 V	**8WH2 020-4AF00**	50 units

* You can order this quantity or a multiple thereof.

	Version	Order No.	MOQ*
 8WH2 020-4BF00  I201_12690 8WH2 020-4BF00	**Two-tier terminals, terminal size 2.5 mm², N at top and PE at bottom** • Gray • Terminal width 5.2 mm • DIN VDE 0611 and IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - *I* = 32 A - *U* = 500 V	**8WH2 020-4BF00**	50 units
 8WH2 020-4CF00  I201_12691 8WH2 020-4CF00	**Two-tier terminals, terminal size 2.5 mm², N at top and L at bottom** • Gray • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - *I* = 26 A - *U* = 500 V	**8WH2 020-4CF00**	50 units
 8WH2 020-0CF07  I201_12692 8WH2 020-0CF07	**PE two-tier terminals, terminal size 2.5 mm², two clamping points on one level** • Terminal width 5.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 • Green/yellow	**8WH2 020-0CF07**	50 units
 8WH2 023-0CF07  I201_12693 8WH2 023-0CF07	**PE two-tier terminals, terminal size 2.5 mm², three clamping points on one level** • Terminal width 5.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 • Green/yellow	**8WH2 023-0CF07**	50 units

8WH2 Spring-Loaded Terminals

8WH two-tier terminals

	Version	Order No.	MOQ*
Terminal size 4 mm²			
 8WH2 020-0AG00	**Two-tier terminals, terminal size 4 mm²** • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 - I = 32 A - The total current through all connected conductors must not exceed the max. load current - U = 500 V Versions • Gray - Without equipotential bonding, 2-pole - With equipotential bonding, 1-pole • Blue, 2-pole	**8WH2 020-0AG00** **8WH2 025-0AG00** **8WH2 020-0AG01**	50 units 50 units 50 units
 I201_12691 8WH2 020-0AG00			
 I201_14017 8WH2 025-0AG00			
 8WH2 020-0CG07	**PE two-tier terminals, terminal size 4 mm²** • Terminal width 6.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 • Green/yellow	**8WH2 020-0CG07**	50 units
 I201_12694 8WH2 020-0CG07			
Accessories			
 8WH9 070-0BA00	**Compartment partitions, for terminal size 1.5 to 4 mm²** • For visual and electrical separation of terminal groups • 2 mm thick	**8WH9 070-0BA00**	50 units
 8WH9 000-1VA00	**Covers** Gray Versions • For terminal size 1.5 ... 2.5 mm² • For terminal size 2.5 mm² and three clamping points • For terminal size 4 mm²	**8WH9 000-1VA00** **8WH9 000-2VA00** **8WH9 003-1VA00**	50 units 50 units 50 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview

Our three-tier terminals offer three feed-through levels in a slim 5.2 mm terminal enclosure. They enable high wiring density – ideal for switchboards where space is at a premium.

With one bridge shaft per tier, these terminal blocks are ideal for use as compact potential distributors or initiator terminals. All six clamping points are interconnected on the equipotential bonding versions.

The three-tier terminal range is rounded off with a PE terminal with the same contour.

Inscription

Each tier of three-tier terminals can be inscribed with flat labels. If a label holder is used, the labels can be inserted at the front.

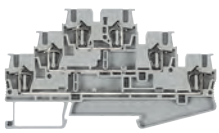
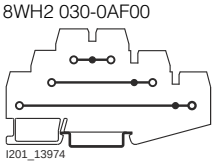
Benefits

- Three feed-through levels with minimum footprint
- Comprehensive range of inscription options
- Matching accessories for 8WH terminal range
- One bridge shaft per tier
- Label holder is inserted.

Technical specifications

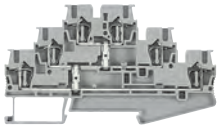
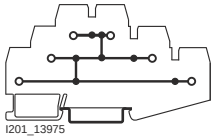
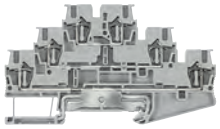
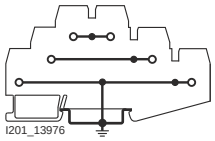
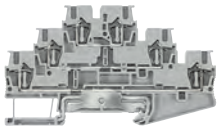
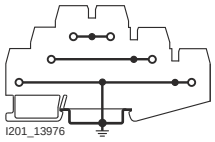
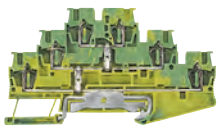
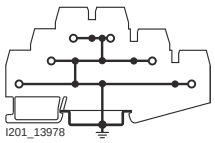
	8WH2 030-0AF00 8WH2 030-0AF01 8WH2 035-0AF00	8WH2 035-0CF07	8WH2 030-4EF00 8WH2 030-4HF00
Dimensions			
• Width/length in mm	5.2 / 99.5	5.2 / 99.5	5.2 / 99.5
• Height (TS 35/7.5 / TS 35/15 / TS 32) in mm	58 / 65.5	58 / 65.5	58 / 65.5
Technical specifications acc. to IEC/DIN VDE			
• Max. load current in A / cross-section in mm²	28 / 4	--	28 / 4
• Rated impulse withstand voltage in kV / pollution degree	6 / 3	6 / 3	6 / 3
• Overvoltage category / molded plastic group	III / I	III / I	III / I
Connection capacities			
• Flexible with end sleeve without / with plastic sleeve in mm²	0.25 ... 2.5	0.25 ... 2.5	0.25 ... 2.5
• Flexible with end sleeve, without plastic sleeve in mm²	0.25 ... 2.5	0.25 ... 2.5	0.25 ... 2.5
• Flexible with TWIN end sleeve with plastic sleeve in mm²	0.5	0.5	0.5
Stripped length in mm	10	10	10
Plug gauge (IEC 60947-1)	A3	A3	A3
Molded plastic type	PA	PA	PA
• Flammability class acc. to UL 94	V0	V0	V0
Approval data (UL/CUR and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/CUR: V/A/AWG	600 / 20 / 26-12	-- / -- / 24-12	300 / 20 / 26-12
- CSA: V/A/AWG	--	--	--

Selection and ordering data

	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 030-0AF00	**Three-tier terminals, terminal size 2.5 mm²** • Enclosed at both ends • Terminal width 5.2 mm • c UL us • IEC 60947-1 - Rigid 0.08-4 mm² - Flexible 0.08-2.5 mm² - AWG 28-12 - *I* = 28 A - *U* = 500 V		
	Versions		
	• Gray	**8WH2 030-0AF00**	50 units
	• Blue	**8WH2 030-0AF01**	50 units
 I201_13974 8WH2 030-0AF00			

* You can order this quantity or a multiple thereof.

8WH three-tier terminals

	Version	Order No.	MOQ*
 8WH2 035-0AF00  8WH2 035-0AF00	**Three-tier terminals, with equipotential bonding, terminal size 2.5 mm²** • Enclosed at both ends • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 - Rigid 0.08-4 mm² - Flexible 0.08-2.5 mm² - AWG 28-12 - *I* = 28 A - *U* = 500 V Note The total current through all connected conductors must not exceed the max. load current.	**8WH2 035-0AF00**	50 units
 8WH2 030-4EF00  8WH2 030-4EF00	**Three-tier terminals, "PE/L/N", terminal size 2.5 mm²** • Enclosed at both ends • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 + IEC 60947-7-2 - Rigid 0.08-4 mm² - Flexible 0.08-2.5 mm² - AWG 28-12	**8WH2 030-4EF00**	50 units
 8WH2 030-4HF00  8WH2 030-4HF00	**Three-tier terminals, "PE/L/L", terminal size 2.5 mm²** • Enclosed at both ends • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 + IEC 60947-7-2 - Rigid 0.08-4 mm² - Flexible 0.08-2.5 mm² - AWG 28-12 - *I* = 28 A - *U* = 500 V	**8WH2 030-4HF00**	50 units
 8WH2 035-0CF07  8WH2 035-0CF07	**PE three-tier terminals, terminal size 2.5 mm²** • Enclosed at both ends • Terminal width 5.2 mm • c UL us • IEC 60947-7-2 - Rigid 0.08-4 mm² - Flexible 0.08-2.5 mm² - AWG 28-12	**8WH2 035-0CF07**	50 units
Accessories			
 8WH9 000-1GD00	**Covers for three-tier terminals**	**8WH9 000-1GD00**	50 units
 8WH9 060-4BA00	**Label holders, for three-tier terminals**	**8WH9 060-4BA00**	100 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview

Terminal size 2.5 mm²

The four-tier motor terminals with terminal size 2.5 mm² are ideal for the compact wiring of AC loads. They have three through-levels and one PE connection which is contacted by simply snapping it onto the mounting rail.

No cross-bridging option.

Terminal size 4 mm²

Like the 2.5 mm² version, the four-tier motor terminal with 4 mm² also allows the wiring of three phases and the PE in a single terminal. This terminal is enclosed at both ends.

No cross-bridging option.

Integrated PE/ground conductor function

PE contact with the support rail is made by simply snapping the terminal onto the rail. This makes the four-tier motor terminals with terminal size 4 mm² ideal for the space-saving wiring of AC motors.

Inscription

Each clamping point has a facility for inscription and a test option for 2.3 mm ⌀ test plugs.

There is also sufficient space to make large marking with labels in the middle of the terminal.

Labels can be mounted flat at the side of the terminals by simply snapping on

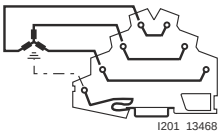
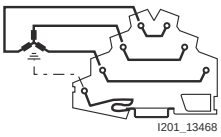
Technical specifications

	8WH2 040-4LF00	8WH2 040-4LG00
Dimensions		
• Width/length/cover width in mm	5.2 / 98.5 / 2.2	6.2 / 101 / --
• Height (NS 35/7.5 / NS 35/15) in mm	73.5 / 81	83.5 / 91
Technical specifications acc. to IEC/DIN VDE		
• Max. load current in A / cross-section in mm²	26 / 4	32 / 6
• Rated impulse withstand voltage in kV / pollution degree	8 / 3	
• Overvoltage category / molded plastic group	III / I	
Connection capacities		
• Flexible with end sleeve, with plastic sleeve in mm²	0.25 ... 2.5	0.25 ... 4
• Flexible with end sleeve, without plastic sleeve in mm²	0.25 ... 2.5	0.25 ... 4
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	--	0.5 ... 1
Stripped length in mm	10	
Plug gauge (IEC 60947-1)	A3	A4
Molded plastic type	PA	
• Flammability class acc. to UL 94	V0	
Approval data (UL/cUL and CSA)		
• Rated voltage / rated current / conductor sizes		
- UL/cUL: in V/A / AWG	-- / -- / 26-12	--
- CSA: in V/A / AWG	--	600 / 30 / 28-10

8WH four-tier motor terminals

Selection and ordering data

4

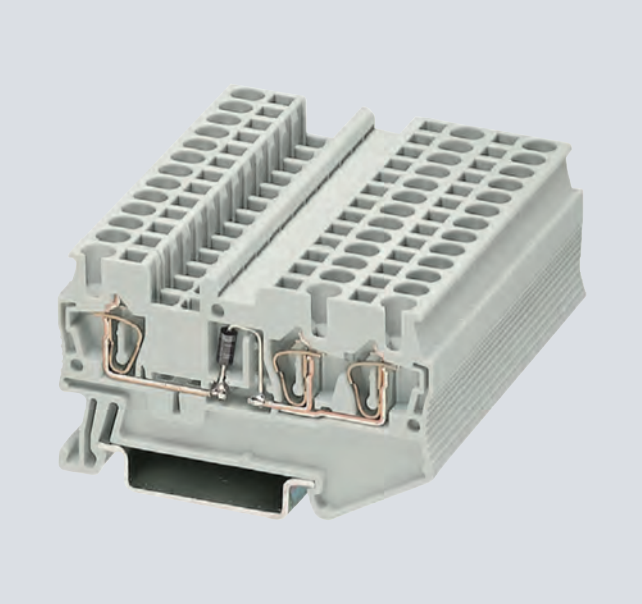
	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 040-4LF00	**Four-tier motor terminals, terminal size 2.5 mm²** • Terminal width 5.2 mm • c UL us • IEC 60947-7-1 and IEC 60947-7-2 - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - *I* = 26 A - *U* = 800 V	**8WH2 040-4LF00**	50 units
 8WH2 040-4LF00			
Terminal size 4 mm²			
 8WH2 040-4LG00	**Four-tier motor terminals, terminal size 4 mm²** • Terminal width 6.2 mm • c UL us • IEC 60947-7-1 and IEC 60947-7-2 - Rigid 0.08 ... 6 mm² - Flexible 0.08 ... 4 mm² - AWG 28-10 - *I* = 32 A - *U* = 800 V • Enclosed at both ends	**8WH2 040-4LG00**	50 units
 8WH2 040-4LG00			
Accessories			
 8WH2 040-4LG00	**Covers** **For four-tier motor terminals, terminal size 2.5 mm²**	**8WH9 000-1GE00**	50 units

Note:

For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview



Diode terminals with a nominal cross-section of 2.5 mm² and a mounting width of just 5.2 mm can be used to implement many different wiring tasks. The diode is soldered in from left to right or vice versa as required.

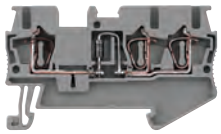
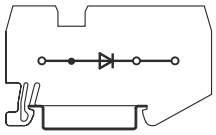
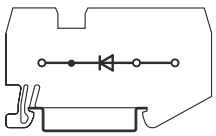
A label can be snapped on to the middle of each terminal at the front. Further labels can also be mounted flat on the side of the terminals.

Technical specifications

	8WH2 003-5DF00 **8WH2 003-5CF00**
Dimensions	
• Width/length/cover width in mm	5.5 / 60.5 / 2.2
• Height HV-M ... (NS 35/7.5 / NS 35/15) in mm	36.5 / 44
Technical specifications acc. to IEC/DIN VDE	
• Max. load current in A / cross-section in mm²	Determined by the diode / 4
• Rated impulse withstand voltage in kV / pollution degree	4 / 3
• Overvoltage category / molded plastic group	III / I
Connection capacities	
• Flexible with end sleeve, with plastic sleeve in mm²	0.25 ... 2.5
• Flexible with end sleeve, without plastic sleeve in mm²	0.25 ... 2.5
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.5
Stripped length in mm	10
Plug gauge (IEC 60947-1)	A3
Molded plastic type	PA
• Flammability class acc. to UL 94	V0
Approval data (UL/cUL and CSA)	
• Rated voltage / rated current / conductor sizes	
- UL/cUL: V/A/AWG	600 / 20 / 26-12
- CSA: V/A/AWG	--

8WH diode terminals

Selection and ordering data

	Version	Order No.	MOQ*
Terminal size 2.5 mm²			
 8WH2 003-5DF00	**Diode terminals, terminal size 2.5 mm², with three clamping points** • Uninterrupted limiting current: 0.5 A • Blocking voltage: 1300 V • Terminal width 5.2 mm • c UL us • Connection data - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - *I* = the maximum current is determined by the diode - *U* = 500 V • With integrated diode • Integrated: diode 1N 4007		
	Versions		
 I201_12712 8WH2 003-5DF00	• Let-through from left to right	**8WH2 003-5DF00**	50 units
 I201_12713 8WH2 003-5CF00	• Let-through from right to left	**8WH2 003-5CF00**	50 units
Accessories			
 8WH9 070-0GA00	**Compartment partitions, for terminal size 1.5 to 4 mm² and three clamping points**	**8WH9 070-0GA00**	50 units
 8WH9 000-4GA00	**Covers, for terminal size 1.5 ... 2.5 mm² and three clamping points**	**8WH9 000-4GA00**	50 units
 8WH9 000-0GA00	**Cover segments, for terminal size 1.5 and 2.5 mm² and three clamping points**	**8WH9 000-0GA00**	10 units

Note:
For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.

Overview

Two-tier diode terminals can be used together with different versions to implement many different wiring tasks.

The following circuits are possible in the tightest spaces:

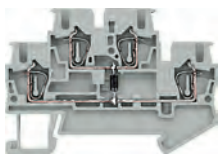
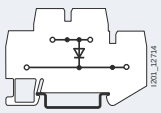
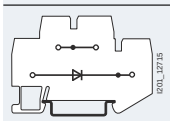
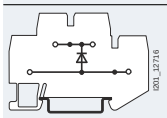
- Freewheel diode circuits
- Lamp test circuits
- Signaling and fault signaling circuits.

The clamping points of two-tier terminals can be inscribed with flat labels.

Technical specifications

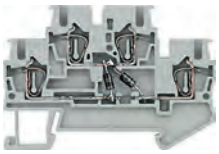
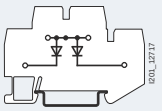
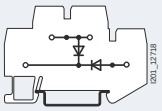
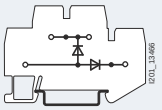
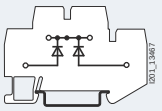
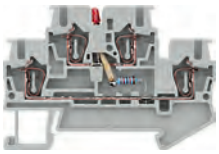
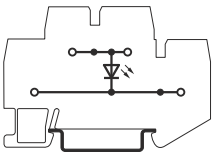
8WH2 020-	5AF00, 5DF00, 5BF00	5HF00, 5FF00, 5KF00, 5EF00, 5GF00	5JF30, 5JF80
Dimensions			
• Width/length/cover width in mm	5.2 / 67.5 / 2.2		
• Height (NS 35/7.5 / NS 35/15) in mm	47.5 / 55		
Technical specifications acc. to IEC/DIN VDE			
• Max. load current in A (not via diodes) / cross-section in mm²	26 / 4		
• Rated impulse withstand voltage in kV / pollution degree	4 / 3		
• Overvoltage category / molded plastic group	III / I		
Connection capacities			
• Flexible with end sleeve, with plastic sleeve in mm²	0.25 ... 2.5		
• Flexible with end sleeve, without plastic sleeve in mm²	0.25 ... 2.5		
• Flexible with two-wire connection end sleeve, with plastic sleeve in mm²	0.5		
Stripped length in mm	10		
Plug gauge (IEC 60947-1)	A3		
Molded plastic type	PA		
• Flammability class acc. to UL 94	V0		
Approval data (UL/cUL and CSA)			
• Rated voltage / rated current / conductor sizes			
- UL/cUL: in V/A / AWG	300 / 20 / 26-12		
- CSA: in V/A / AWG	300 / 20 / 26-12		

Selection and ordering data

	Version	Order No.	MOQ*
	General data c UL us		
Terminal size 2.5 mm²			
 8WH2 020-5AF00	**Two-tier diode terminals, size 2.5 mm², with one diode** • Terminal width 5.2 mm • Connection data - Rigid 0.08 ... 4 mm², flexible 0.08 ... 2.5 mm², AWG 28-12 - I = 26 A, U = 500 V • Maximum current determined by diode • Integrated: diode 1N 4007 - Blocking voltage: 1300 V, uninterrupted limiting current: 0.5 A		
	Circuit diagram / Versions		
	 Let-through from top to bottom	**8WH2 020-5AF00**	50 units
	 Let-through from bottom left to top right	**8WH2 020-5DF00**	50 units
	 Let-through from bottom to top	**8WH2 020-5BF00**	50 units

* You can order this quantity or a multiple thereof.

8WH two-tier diode terminals

	Version	Order No.	MOQ*
 8WH2 020-5HF00	**Two-tier-diode terminals, terminal size 2.5 mm², with two diodes** • Terminal width 5.2 mm • Connection data - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 26 A, U = 500 V • Maximum current determined by diode • Integrated: diode 1N 4007 - Blocking voltage: 1300 V - Uninterrupted limiting current: 0.5 A		
	Circuit diagram / Versions		
	 Let-through from top to bottom left and from top to bottom right	**8WH2 020-5HF00**	50 units
	 Let-through from top to bottom left and from bottom right to bottom left	**8WH2 020-5KF00**	50 units
	 Let-through from bottom left to top and from bottom left to bottom right	**8WH2 020-5EF00**	50 units
	 Let-through from bottom left to top and from bottom right to top	**8WH2 020-5GF00**	50 units
 8WH2 020-5JF30	**Two-tier diode terminals, terminal size 2.5 mm², with LED** • Terminal width 5.2 mm • Connection data - Rigid 0.08 ... 4 mm² - Flexible 0.08 ... 2.5 mm² - AWG 28-12 - I = 26 A - U = 500 V		
	Versions		
 8WH2 020-5JF30	• 15 to 30 V DC/2.5 to 7.5 A	**8WH2 020-5JF30**	50 units
	• 110 to 230 V AC/DC / 0.5 to 1.0 A (glow lamp)	**8WH2 020-5JF80**	50 units
Accessories			
 8WH9 070-0BA00	**Compartment partitions, for terminal size 1.5 to 4 mm²**	**8WH9 070-0BA00**	50 units
 8WH9 000-1VA00	**Covers, for terminal size 1.5 and 2.5 mm²**	**8WH9 000-1VA00**	50 units

Note:
For general accessories for 8WH terminal blocks, see chapter 8.

* You can order this quantity or a multiple thereof.