

ALPHA FIX Terminal Blocks

8WH1 Screw Terminals

8WH through-type terminals

Overview



8WH through-type terminals are characterized by their compact design and optimum handling. They are available in conductor cross-section areas from 2.5 to 35 mm² and can be inscribed with labels. The double bridge slot enables individual chain bridging with connecting combs. Corresponding accessories are available for testing and labeling. Secure electrical and mechanical contact with the mounting rail is assured by simply snapping the terminals onto the rail.

The individual clamping points can be inscribed at the front using the inscription labels.

Technical specifications

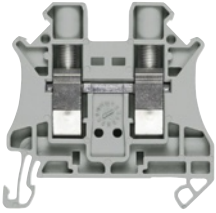


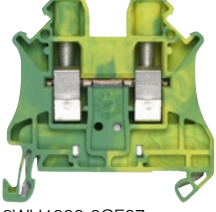
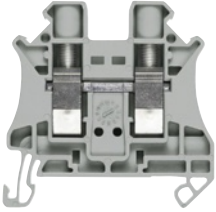

	8WH1000-0AF00 8WH1000-0AF01	8WH1000-0AG00 8WH1000-0AG01	8WH1000-0AH00 8WH1000-0AH01	8WH1000-0AJ00 8WH1000-0AJ01	8WH1000-0AK00 8WH1000-0AK01	8WH1000-0AM00 8WH1000-0AM01
Dimensions						
• Width / length / width of cover in mm	5.2 / 47.7 / 2.2	6.2 / 47.7 / 2.2	8.2 / 47.7 / 2.2	10.2 / 47.7 / 2.2	12 / 55.3 / 2.2	16 / 60.2 / --
• Height (NS 35/7.5 / NS 35/15) in mm	47.5 / 55				55 / 62.5	65.7 / 73.2
Technical specifications acc. to IEC/DIN VDE						
• Max. load current in A / cross-section in mm ²	32 / 4	41 / 6	57 / 10	76 / 16	101 / 25	150 / 50
• Rated impulse withstand voltage in kV / pollution degree	8 kV/3					
• Rated insulation voltage (working voltage) U_i in V according to IEC 60497-7-1	1000					
• Overvoltage category / insulating group	III / I					
Connection capacity						
• Flexible with end sleeve with plastic sleeve in mm ²	0.25 ... 2.5	0.25 ... 4	0.25 ... 6	0.5 ... 10	1.0 ... 16	1.5 ... 35
• Flexible with end sleeve without plastic sleeve in mm ²	0.25 ... 2.5	0.25 ... 4	0.25 ... 6	0.5 ... 10	1.0 ... 16	1.5 ... 35
• Flexible with two-wire connection end sleeve with plastic sleeve in mm ²	0.5 ... 1.5	0.5 ... 2.5	0.5 ... 4	0.5 ... 6	0.75 ... 10	1.5 ... 10
• Rigid in mm ²	0.14 ... 4	0.14 ... 6	0.2 ... 10	0.5 ... 16	1.5 ... 25	1.5 ... 50
Stripped length in mm	9		10		14	18
Tightening torque in Nm	0.6 ... 0.8		1.5 ... 1.8		2.5 ... 3.0	3.2 ... 3.7
Insulation type						
• Flammability class acc. to UL 94	PA V0					
Approval data (UL/CUL and CSA)						
• Rated voltage / current / cable sizes						
- UL/CUL: in V/A / AWG	600 / 20 / 26-12	600 / 30 / 26-10	600 / 50 / 24-8	600 / 65 / 20-6	600 / 85 / 16-4	600 / 150 / 14-1/0
- CSA: in V/A / AWG	600 / 20 / 26-12	600 / 30 / 26-10	600 / 50 / 24-8	600 / 65 / 20-6	600 / 85 / 16-4	600 / 150 / 14-1/0
8WH1000-0CF07 8WH1000-0CG07 8WH1000-0CH07 8WH1000-0CJ07 8WH1000-0CK07 8WH1000-0CM07						
Dimensions						
• Width / length / width of cover in mm	5.2 / 47.7 / 2.2	6.2 / 47.7 / 2.2	8.2 / 47.7 / 2.2	10.2 / 47.7 / 2.2	12 / 55.3 / 2.2	16 / 60.2 / --
• Height (NS 35/7.5 / NS 35/15) in mm	47.5 / 55				55 / 62.5	65.7 / 73.2
Technical specifications acc. to IEC/DIN VDE						
• Max. load current in A / cross-section in mm ²	-- / 4	-- / 6	-- / 10	-- / 16	101 / 25	125 / 35
• Rated impulse withstand voltage in kV / pollution degree	8 kV/3					
• Overvoltage category / insulating group	III / I					
Connection capacity						
• Flexible with end sleeve with plastic sleeve in mm ²	0.25 ... 2.5	0.25 ... 2.4	0.25 ... 6	0.5 ... 10	1.0 ... 16	1.5 ... 35
• Flexible with end sleeve without plastic sleeve in mm ²	0.25 ... 2.5	0.25 ... 2.4	0.25 ... 6	0.5 ... 10	1.0 ... 16	1.5 ... 35
• Flexible with two-wire connection end sleeve with plastic sleeve in mm ²	0.5 ... 1.5	0.5 ... 2.5	0.5 ... 4	0.5 ... 6	0.75 ... 10	1.5 ... 10
• Rigid in mm ²	0.14 ... 4	0.14 ... 6	0.2 ... 10	0.5 ... 16	1.5 ... 25	1.5 ... 35
Stripped length in mm	9		10		14	18
Tightening torque in Nm	0.6 ... 0.8		1.6 ... 1.8	1.5 ... 1.8	2.5 ... 3.0	3.2 ... 3.7
Insulation type						
• Flammability class acc. to UL 94	PA V0					
Approval data (UL/CUL and CSA)						
• Rated voltage / current / cable sizes						
- UL/CUL: in V/A / AWG	-- / -- / 26-12	-- / -- / 26-10	-- / -- / 24-8	-- / -- / 20-6	-- / -- / 16-4	-- / -- / 14-1/0
- CSA: in V/A / AWG	-- / -- / 26-12	-- / -- / 26-10	-- / -- / 24-8	-- / -- / 20-6	-- / -- / 16-4	-- / -- / 14-1/0

ALPHA FIX Terminal Blocks

8WH1 Screw Terminals

8WH through-type terminals

Selection and ordering data

Version	DT	Order No.	Price € per PU	PU (UNIT, SET, M)	PS*/ PU	PG			
Terminal size 2.5 mm²									
 <p>8WH1000-0AF00</p>	Through-type terminals, terminal size 2.5 mm² <ul style="list-style-type: none"> •  Us • Terminal width 5.2 mm • $I_{max} = 32$ A • $U_{max} = 1000$ V • AWG 26-12 • Connection capacity, one conductor <ul style="list-style-type: none"> - Rigid 0.14 ... 4 mm² - Flexible 0.14 ... 4 mm² • Connection capacity, two conductors <ul style="list-style-type: none"> - Rigid 0.14 ... 1.5 mm² - Flexible 0.14 ... 1.5 mm² 								
	Versions <ul style="list-style-type: none"> • Gray • Blue 						8WH1000-0AF00 8WH1000-0AF01	1 50 units 1 50 units	044 044
	Accessories <ul style="list-style-type: none"> • Covers, for through-type terminals, for terminal size 2.5 ... 10 mm² • Compartment partitions, for through-type terminals, for terminal size 2.5 ... 10 mm² • Warning cover, for terminal size 2.5 mm² 						8WH9000-1PA00 8WH9070-6BA00 8WH9060-5BA06	100 50 units 100 50 units 100 50 units	044 044 044
	Through-type PE terminals, terminal size 2.5 mm² <ul style="list-style-type: none"> •  Us • Terminal width 5.2 mm • AWG 26-12 • Connection capacity, one conductor <ul style="list-style-type: none"> - Rigid 0.14 ... 4 mm² - Flexible 0.14 ... 4 mm² • Connection capacity, two conductors <ul style="list-style-type: none"> - Rigid 0.14 ... 1.5 mm² - Flexible 0.14 ... 1.5 mm² • Green-yellow 						8WH1000-0CF07	1 50 units	044
 <p>8WH1000-0CF07</p>	Accessories <ul style="list-style-type: none"> • Covers, for through-type terminals, for terminal size 2.5 ... 10 mm² • Compartment partitions, for through-type terminals, for terminal size 2.5 ... 10 mm² • Warning cover, for terminal size 2.5 mm² 						8WH9000-1PA00 8WH9070-6BA00 8WH9060-5BA06	100 50 units 100 50 units 100 50 units	044 044 044
	Terminal size 4 mm²								
	 <p>8WH1000-0AG00</p>	Through-type terminals, terminal size 4 mm² <ul style="list-style-type: none"> •  Us • Terminal width 6.2 mm • $I_{max} = 41$ A • $U_{max} = 1000$ V • AWG 26-10 • Connection capacity, one conductor <ul style="list-style-type: none"> - Rigid 0.14 ... 6 mm² - Flexible 0.14 ... 6 mm² • Connection capacity, two conductors <ul style="list-style-type: none"> - Rigid 0.14 ... 1.5 mm² - Flexible 0.14 ... 1.5 mm² 							
		Versions <ul style="list-style-type: none"> • Gray • Blue 						8WH1000-0AG00 8WH1000-0AG01	1 50 units 1 50 units
Accessories <ul style="list-style-type: none"> • Covers, for through-type terminals, for terminal size 2.5 ... 10 mm² • Compartment partitions, for through-type terminals, for terminal size 2.5 ... 10 mm² • Warning cover, for terminal size 4 mm² 						8WH9000-1PA00 8WH9070-6BA00 8WH9063-5BA06	100 50 units 100 50 units 100 50 units	044 044 044	