

ALPHA FIX Terminal Blocks

ALPHA FIX 8WA and 8WH Terminals with Spring-Loaded Connection

8WH compact isolating terminals

2

Overview



The compact isolating terminals provide a test possibility for 2.3 mm \varnothing test plugs on both sides of the isolating point.

The double bridge slot enables cross-connection also to the standard two- and three-conductor terminals.

The compact isolating terminal is used for holding:

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

Technical specifications


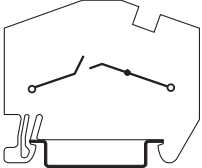






	8WH2 500-6AF00
Dimensions	
• Width / length / width of cover in mm	5.2 / 51 / 2.2
• Height (NS 35/7.5 / NS 35/15) in mm	43 / 50.5
Technical specifications acc. to IEC/DIN VDE	
• Max. load current per cross-section in A / mm ²	16 / 4
• Rated impulse withstand voltage/degree of pollution in kV / -	6 / 3
• Overvoltage category/insulating group - / -	III / I
Connection capacity	
• Flexible with ferrule with plastic sleeve in mm ²	0.25 ... 2.5
• Flexible with ferrule without plastic sleeve in mm ²	0.25 ... 2.5
• Flexible with TWIN ferrule with plastic sleeve in mm ²	0.5
Stripped length in mm	10
Plug gage (IEC 60947-1)	A3
Insulation type	
• Flammability class acc. to UL 94	PA V0
Approval data (UL/CUL and CSA)	
• Nominal voltage/current / cable sizes	
- UL/CUL: in V/A / AWG	300 / 16 / 24-12
- CSA: in V/A / AWG	-

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Selection and ordering data




Version	Order No.	Price	PG	PS* P. unit
		1 unit		Unit(s)
Terminal size 2.5 mm²				
 <p>8WH2 500-6AF00</p>	Compact isolating terminals, terminal size 2.5 mm² <ul style="list-style-type: none"> • Gray • Terminal width 5.2 mm • I_{max} 16 A • IEC 60947-7-1 <ul style="list-style-type: none"> - 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 		8WH2 500-6AF00	044 50
Accessories				
	Accessories	Section	Page	
 <p>8WH2 500-6AF00</p>	Covers, for terminal size 2.5 mm² and compact design		8WH9 000-1JA00	044 50
	Through-type connectors		8WH9 020-8AB00	044 50
	Connecting combs, for terminal width 5.2 mm			
	• 2-pole	Accessories	2/105	8WH9 020-6BC10 044 50
	• 3-pole	Accessories	2/105	8WH9 020-6BD10 044 50
	• 4-pole	Accessories	2/105	8WH9 020-6BE10 044 50
	• 5-pole	Accessories	2/105	8WH9 020-6BF10 044 50
	• 10-pole	Accessories	2/105	8WH9 020-6BL10 044 10
	• 20-pole	Accessories	2/105	8WH9 020-6BS10 044 10
	• 50-pole	Accessories	2/105	8WH9 020-6BT10 044 10
	Isolating plugs		8WH9 040-0DB04	044 50
Accessories				
 <p>8WH9 000-1JA00</p>	Covers, for terminal size 2.5 mm² and compact design <ul style="list-style-type: none"> • Gray 		8WH9 000-1JA00	044 50
 <p>8WH9 020-8AB00</p>	Through-type connectors <ul style="list-style-type: none"> • Gray • I_{max}: 16 A 		8WH9 020-8AB00	044 50
 <p>8WH8 120-2AB05</p>	Labeling plates, front, for terminal width 5.2 mm, horizontal inscription <ul style="list-style-type: none"> • Incremental numbering <ul style="list-style-type: none"> - 1 to 10 (10x) - 11 to 20 (10x) - 21 to 30 (10x) - 31 to 40 (10x) - 41 to 50 (10x) - 51 to 60 (10x) - 61 to 70 (10x) - 71 to 80 (10x) - 81 to 90 (10x) - 91 to 100 (10x) • L1/L2/L3/N/PE • Customized inscription 		8WH8 120-2AB05	044 100
 <p>8WH8 120-2AA15</p>			8WH8 120-2AB15 044 100	044 100
			8WH8 120-2AB25 044 100	044 100
			8WH8 120-2AB35 044 100	044 100
			8WH8 120-2AB45 044 100	044 100
			8WH8 120-2AB55 044 100	044 100
			8WH8 120-2AB65 044 100	044 100
			8WH8 120-2AB75 044 100	044 100
			8WH8 120-2AB85 044 100	044 100
			8WH8 120-2AC05 044 100	044 100
			8WH8 120-2AA15 044 100	044 100
			8WH8 120-2XA05 044 100	044 100
 <p>8WH8 140-2AB05</p>	Labeling plates, front, for terminal width 5.2 mm, vertical inscription <ul style="list-style-type: none"> • Incremental numbering <ul style="list-style-type: none"> - 1 to 10 (10x) - 11 to 20 (10x) - 21 to 30 (10x) - 31 to 40 (10x) - 41 to 50 (10x) - 51 to 60 (10x) - 61 to 70 (10x) - 71 to 80 (10x) - 81 to 90 (10x) - 91 to 100 (10x) • Customized inscription 		8WH8 140-2AB05	044 100
			8WH8 140-2AB15 044 100	044 100
			8WH8 140-2AB25 044 100	044 100
			8WH8 140-2AB35 044 100	044 100
			8WH8 140-2AB45 044 100	044 100
			8WH8 140-2AB55 044 100	044 100
			8WH8 140-2AB65 044 100	044 100
			8WH8 140-2AB75 044 100	044 100
			8WH8 140-2AB85 044 100	044 100
			8WH8 140-2AC05 044 100	044 100
			8WH8 140-2XA05 044 100	044 100
 <p>8WH8 110-2AA05</p>	Labeling plates, front, for terminal width 5.2 mm, blank		8WH8 110-2AA05	044 100

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Version	Order No.	Price 1 unit	PG	PS* P. unit Unit(s)
Connecting combs, for terminal width 5.2 mm <ul style="list-style-type: none"> • 2-pole • 3-pole • 4-pole • 5-pole • 10-pole • 20-pole • 50-pole 	8WH9 020-6BC10 8WH9 020-6BD10 8WH9 020-6BE10 8WH9 020-6BF10 8WH9 020-6BL10 8WH9 020-6BS10 8WH9 020-6BT10		044	50
 Isolating plugs <ul style="list-style-type: none"> • Orange 	8WH9 040-0DB04		044	50
 Component connectors <ul style="list-style-type: none"> • I_{max}: 6 A, depending on the power loss of the components, max. 1 W with single arrangement • Facility for inscription with ZBF 5 	8WH9 040-0BB00		044	10
 Fused connectors, without LED display <ul style="list-style-type: none"> • Black • I_{max}: 6.3 A 	8WH9 040-3DB08		044	10