

ALPHA FIX Terminal Blocks

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

8WH compact isolating blade terminals

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Overview



The compact isolating blade 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 blade terminal is used for holding:

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

Technical specifications

	8WH2 500-6CF00
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
• Maximum // rated data in A / mm ²	-
• 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	PA
• Flammability class acc. to UL 94	V0
Approval data (UL/CUL and CSA)	
• Nominal voltage/current / cable sizes	
- UL/CUL: in V/A / AWG	600 / 16 / 24-12
- CSA: in V/A / AWG	-

Selection and ordering data





Version	Order No.	Price	PG	PS* P. unit
		1 unit		Unit(s)
Terminal size 2.5 mm²				
 <p>8WH2 500-6CF00</p> <p>Compact isolating blade terminals, terminal size 2.5 mm², with 2 clamping points</p> <ul style="list-style-type: none"> • Gray • Terminal width 5.2 mm •  UL • IEC 60947-7-1 <ul style="list-style-type: none"> - Rigid 0.08 - 4 mm² - Flexible 0.08 - 2.5 mm² - AWG 28-12 - I = 16 A - U = 400 V 	8WH2 500-6CF00		044	50
Accessories	Section	Page		
Covers, for terminal size 2.5 mm² and compact design	Accessories	2/102	8WH9 000-1JA00	044 50
Connecting combs, for terminal width 5.2 mm	Accessories	2/102	8WH9 020-6BC10	044 50
• 2-pole	Accessories	2/102	8WH9 020-6BD10	044 50
• 3-pole	Accessories	2/102	8WH9 020-6BE10	044 50
• 4-pole	Accessories	2/102	8WH9 020-6BF10	044 50
• 5-pole	Accessories	2/102	8WH9 020-6BL10	044 10
• 10-pole	Accessories	2/102	8WH9 020-6BS10	044 10
• 20-pole	Accessories	2/102	8WH9 020-6BT10	044 10
• 50-pole	Accessories	2/102		

* You can order this quantity or a multiple thereof.

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Version	Order No.	Price	PG	PS* P. unit
		1 unit		Unit(s)
Accessories				
	Covers, for terminal size 2.5 mm² and compact design			
	Gray	8WH9 000-1JA00	044	50
	Labeling plates, front, for terminal width 5.2 mm, horizontal inscription			
	8WH8 120-2AB05		044	100
	• Incremental numbering			
	- 1 to 10 (10x)	8WH8 120-2AB05	044	100
	- 11 to 20 (10x)	8WH8 120-2AB15	044	100
	- 21 to 30 (10x)	8WH8 120-2AB25	044	100
	- 31 to 40 (10x)	8WH8 120-2AB35	044	100
	- 41 to 50 (10x)	8WH8 120-2AB45	044	100
	- 51 to 60 (10x)	8WH8 120-2AB55	044	100
	- 61 to 70 (10x)	8WH8 120-2AB65	044	100
	- 71 to 80 (10x)	8WH8 120-2AB75	044	100
	- 81 to 90 (10x)	8WH8 120-2AB85	044	100
	- 91 to 100 (10x)	8WH8 120-2AC05	044	100
	• L1/L2/L3/N/PE	8WH8 120-2AA15	044	100
	• Customized inscription	8WH8 120-2XA05	044	100
	8WH8 120-2AA15			
	Labeling plates, front, for terminal width 5.2 mm, vertical inscription			
	8WH8 140-2AB05		044	100
	• Incremental numbering			
	- 1 to 10 (10x)	8WH8 140-2AB05	044	100
	- 11 to 20 (10x)	8WH8 140-2AB15	044	100
	- 21 to 30 (10x)	8WH8 140-2AB25	044	100
	- 31 to 40 (10x)	8WH8 140-2AB35	044	100
	- 41 to 50 (10x)	8WH8 140-2AB45	044	100
	- 51 to 60 (10x)	8WH8 140-2AB55	044	100
	- 61 to 70 (10x)	8WH8 140-2AB65	044	100
	- 71 to 80 (10x)	8WH8 140-2AB75	044	100
	- 81 to 90 (10x)	8WH8 140-2AB85	044	100
	- 91 to 100 (10x)	8WH8 140-2AC05	044	100
	• Customized inscription	8WH8 140-2XA05	044	100
	Labeling plates, front, for terminal width 5.2 mm, blank			
	8WH8 110-2AA05		044	100
	Connecting combs, for terminal width 5.2 mm			
	• 2-pole	8WH9 020-6BC10	044	50
	• 3-pole	8WH9 020-6BD10	044	50
	• 4-pole	8WH9 020-6BE10	044	50
	• 5-pole	8WH9 020-6BF10	044	50
	• 10-pole	8WH9 020-6BL10	044	10
	• 20-pole	8WH9 020-6BS10	044	10
	• 50-pole	8WH9 020-6BT10	044	10