

ALPHA FIX Terminal Blocks

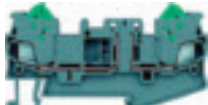
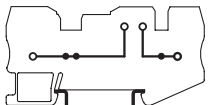

ALPHA FIX 8WH Insulation Displacement Terminals

Isolating terminals

Technical specifications

	8WH3 000-6AE00	8WH3 000-6AF00
Dimensions		
• Width / length / width of cover in mm	5.2 / 76.4 / 2.2	6.2 / 82.5 / 2.2
• Height (TS 35/7.5 / TS 35/15) in mm	39.3 / 46.8	42.8 / 50.3
Technical specifications according to IEC/DIN VDE		
• Max. load current per cross-section in A/mm ²	16 / 1.5	16 / 2.5
• Rated impulse withstand voltage/pollution degree in kV / -	6 / 3	
• Overvoltage category/insulating group - / -	III / I	
Conductor cross-section according to DIN VDE 0295		
• Core insulation	PVC / PE (other insulation types on request)	
• Solid / stranded / finely stranded H05V-U/R/K // H07V-U/R/K in mm ²	0.5 ... 1.0 // 1.5	0.5 ... 1.0 // 1.5 ... 2.5
• Halogen-free H05Z-U/R/K // H07Z-U/R/K in mm ²	0.5 ... 1.0 // 1.5	0.5 ... 1.0 // 1.5 ... 2.5
• Finely stranded / very finely stranded		
- (strand $\varnothing \geq 0.1$ mm) in mm ²	0.25 ... 0.34	-
- (strand $\varnothing \geq 0.19$ mm) AWG	24-16	20-14
Number of circuits		
• At least 100-times same cross-section in mm ²	0.25 ... 1.5	0.5 ... 2.5
Insulation type	PA	
• Flammability class according to UL 94	V0	
Approval data (UL/CUL and CSA)		
• Nominal voltage/current / cable sizes		
- UL/CUL: in V/A / AWG	600 / 10 / 24-16	Applied for
- CSA: in V/A / AWG	600 / 10 / 24-16	Applied for

Selection and ordering data

Version	Order No.	Price	PG	PS* P. unit
		1 unit		Unit(s)
Terminal size 1.5 mm²				
 <p>8WH3 000-6AE00</p>  <p>I2_12739 8WH3 000-6AE00</p> <p>Isolating terminals, terminal size 1.5 mm²</p> <ul style="list-style-type: none"> • Gray • Terminal width 5.2 mm •  US • Supply data <ul style="list-style-type: none"> - Rigid, 0.25 ... 1.5 mm² - Flexible, 0.25 ... 1.5 mm² - AWG 24-16 - I = 16 A - U = 400 V - Current and voltage are determined by the fitted plug. • More information under <i>Technical specifications</i> 	8WH3 000-6AE00		044	50
Accessories	Section	Page		
Compartment partitions, for terminal size 1.5 to 2.5 mm² and three clamping points	Accessories	5/36	8WH9 070-0KA00	044 50
Lateral mounting test plugs, for terminal width 5.2 mm	Accessories	5/36	8WH9 010-0EB02	044 10
Component connectors	Accessories	5/36	8WH9 040-0BB00	044 10
Covers, for terminal size 1.5 mm² and three clamping points	Accessories	5/36	8WH9 001-2AA00	044 50
Cover segments, for terminal size 1.5 mm² and three or four clamping points	Accessories	5/36	8WH9 001-0AA00	044 50
Through-type connectors	Accessories	5/36	8WH9 020-8AB00	044 50
Fused connectors, without LED display	Accessories	5/38	8WH9 040-3DB08	044 10
Connecting combs, for terminal width 5.2 mm				
• 2-pole	Accessories	5/38	8WH9 020-6BC10	044 50
• 3-pole	Accessories	5/38	8WH9 020-6BD10	044 50
• 4-pole	Accessories	5/38	8WH9 020-6BE10	044 50
• 5-pole	Accessories	5/38	8WH9 020-6BF10	044 50
• 10-pole	Accessories	5/38	8WH9 020-6BL10	044 10
• 20-pole	Accessories	5/38	8WH9 020-6BS10	044 10
• 50-pole	Accessories	5/38	8WH9 020-6BT10	044 10
Isolating plugs	Accessories	5/38	8WH9 040-0DB04	044 50

* You can order this quantity or a multiple thereof.

Siemens ET A5 · January 2008






5/35

5

ALPHA FIX Terminal Blocks

ALPHA FIX 8WH Insulation Displacement Terminals




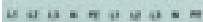






Isolating terminals

Version	Order No.	Price 1 unit	PG	PS* P. unit
Terminal size 2.5 mm ²				
 <p>8WH3 000-6AF00</p> <p>Isolating terminals, terminal size 2.5 mm²</p> <ul style="list-style-type: none"> • Gray • Terminal width 6.2 mm • Supply data <ul style="list-style-type: none"> - Rigid, 0.5 ... 2.5 mm² - Flexible, 0.5 ... 2.5 mm² - AWG 20-14 - I = 16 A - U = 400 V - Current and voltage are determined by the fitted plug. • More information under <i>Technical specifications</i> 	8WH3 000-6AF00		044	50
Accessories	Section	Page		
Compartment partitions, for terminal size 1.5 to 2.5 mm² and three clamping points	Accessories	5/36	8WH9 070-0KA00	044 50
Lateral mounting test plugs, for terminal width 6.2 mm	Accessories	5/36	8WH9 010-0FB02	044 10
Component connectors	Accessories	5/36	8WH9 040-0BB00	044 10
Covers, for terminal size 2.5 mm² and three clamping points	Accessories	5/36	8WH9 000-2AA00	044 50
Cover segments, for terminal size 2.5 mm² and three or four clamping points	Accessories	5/36	8WH9 000-0AA00	044 50
Through-type connectors	Accessories	5/36	8WH9 020-8AB00	044 50
Fused connectors, without LED display	Accessories	5/38	8WH9 040-3DB08	044 10
Connecting combs, for terminal width 6.2 mm				
• 2-pole	Accessories	5/38	8WH9 020-6CC10	044 50
• 3-pole	Accessories	5/38	8WH9 020-6CD10	044 50
• 4-pole	Accessories	5/38	8WH9 020-6CE10	044 50
• 5-pole	Accessories	5/38	8WH9 020-6CF10	044 50
• 10-pole	Accessories	5/38	8WH9 020-6CL10	044 10
• 20-pole	Accessories	5/38	8WH9 020-6CS10	044 10
• 50-pole	Accessories	5/38	8WH9 020-6CT10	044 10
Isolating plugs	Accessories	5/38	8WH9 040-0DB04	044 50
Accessories				
Compartment partitions, for terminal size 1.5 to 2.5 mm² and three clamping points			8WH9 070-0KA00	044 50
Lateral mounting test plugs				
• For terminal width 5.2 mm			8WH9 010-0EB02	044 10
• For terminal width 6.2 mm			8WH9 010-0FB02	044 10
Component connectors			8WH9 040-0BB00	044 10
 <p>8WH9 040-0BB00</p> <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 				
Covers				
• For terminal size 1.5 mm ² and three clamping points			8WH9 001-2AA00	044 50
• For terminal size 2.5 mm ² and three clamping points			8WH9 000-2AA00	044 50
Cover segments				
• For terminal size 1.5 mm ² and three or four clamping points			8WH9 001-0AA00	044 50
• For terminal size 2.5 mm ² and three or four clamping points			8WH9 000-0AA00	044 50
Through-type connectors			8WH9 020-8AB00	044 50
 <p>8WH9 020-8AB00</p> <ul style="list-style-type: none"> • Gray • I_{max}: 16 A 				
Labeling plates, front, for terminal width 5.2 mm, horizontal inscription				
 <p>8WH8 120-2AB05</p> <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 • Custom inscription 				
 <p>8WH8 120-2AA15</p>				
			8WH8 120-2AB05	044 100
			8WH8 120-2AB15	044 100
			8WH8 120-2AB25	044 100
			8WH8 120-2AB35	044 100
			8WH8 120-2AB45	044 100
			8WH8 120-2AB55	044 100
			8WH8 120-2AB65	044 100
			8WH8 120-2AB75	044 100
			8WH8 120-2AB85	044 100
			8WH8 120-2AC05	044 100
			8WH8 120-2AA15	044 100
			8WH8 120-2XA05	044 100

ALPHA FIX Terminal Blocks

ALPHA FIX 8WH Insulation Displacement Terminals







Isolating terminals

Version	Order No.	Price 1 unit	PG	PS* P. unit Unit(s)	
 <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) Custom inscription 				
	8WH8 140-2AB05			044	100
		8WH8 140-2AB15		044	100
		8WH8 140-2AB25		044	100
		8WH8 140-2AB35		044	100
		8WH8 140-2AB45		044	100
		8WH8 140-2AB55		044	100
		8WH8 140-2AB65		044	100
		8WH8 140-2AB75		044	100
		8WH8 140-2AB85		044	100
		8WH8 140-2AC05		044	100
		8WH8 140-2XA05		044	100
 <p>8WH8 110-2AA05</p>	Labeling plates, front, for terminal width 5.2 mm, blank				
	8WH8 110-2AA05		044	100	
 <p>8WH8 120-3AB05</p>  <p>8WH8 120-3AA15</p>  <p>8WH8 120-3AA25</p>	Labeling plates, front, for terminal width 6.2 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 Custom inscription U/N/W/N/grounding 				
	8WH8 120-3AB05	8WH8 120-3AB05		044	100
		8WH8 120-3AB15		044	100
		8WH8 120-3AB25		044	100
		8WH8 120-3AB35		044	100
		8WH8 120-3AB45		044	100
		8WH8 120-3AB55		044	100
		8WH8 120-3AB65		044	100
		8WH8 120-3AB75		044	100
		8WH8 120-3AB85		044	100
		8WH8 120-3AC05		044	100
		8WH8 120-3AA15		044	100
	8WH8 120-3XA05		044	100	
	8WH8 120-3AA25		044	100	
 <p>8WH8 140-3AB05</p>	Labeling plates, front, for terminal width 6.2 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) Custom inscription 				
	8WH8 140-3AB05	8WH8 140-3AB05		044	100
		8WH8 140-3AB15		044	100
		8WH8 140-3AB25		044	100
		8WH8 140-3AB35		044	100
		8WH8 140-3AB45		044	100
		8WH8 140-3AB55		044	100
		8WH8 140-3AB65		044	100
		8WH8 140-3AB75		044	100
		8WH8 140-3AB85		044	100
		8WH8 140-3AC05		044	100
		8WH8 140-3XA05		044	100
 <p>8WH8 110-3AA05</p>	Labeling plates, front, for terminal width 6.2 mm, blank				
	8WH8 110-3AA05		044	100	
 <p>8WH8 121-2AB05</p>	Labeling plates, flat, 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) Custom inscription 				
	8WH8 121-2AB05	8WH8 121-2AB05		044	100
		8WH8 121-2AB15		044	100
		8WH8 121-2AB25		044	100
		8WH8 121-2AB35		044	100
		8WH8 121-2AB45		044	100
		8WH8 121-2AB55		044	100
		8WH8 121-2AB65		044	100
		8WH8 121-2AB75		044	100
		8WH8 121-2AB85		044	100
		8WH8 121-2AC05		044	100
		8WH8 121-2XA05		044	100
 <p>8WH8 141-2AB05</p>	Labeling plates, flat, 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) Custom inscription 				
	8WH8 141-2AB05	8WH8 141-2AB05		044	100
		8WH8 141-2AB15		044	100
		8WH8 141-2AB25		044	100
		8WH8 141-2AB35		044	100
		8WH8 141-2AB45		044	100
		8WH8 141-2AB55		044	100
		8WH8 141-2AB65		044	100
		8WH8 141-2AB75		044	100
		8WH8 141-2AB85		044	100
		8WH8 141-2AC05		044	100
		8WH8 141-2XA05		044	100
 <p>8WH8 111-2AA05</p>	Labeling plates, flat, for terminal width 5.2 mm, blank				
	8WH8 111-2AA05		044	100	

ALPHA FIX Terminal Blocks

ALPHA FIX 8WH Insulation Displacement Terminals

Isolating terminals

Version	Order No.	Price 1 unit	PG	PS* P. unit Unit(s)
 8WH8 121-3AB05	Labeling plates, flat, for terminal width 6.2 mm, horizontal inscription			
	• Incremental numbering			
	- 1 to 10 (10x)	8WH8 121-3AB05	044	100
	- 11 to 20 (10x)	8WH8 121-3AB15	044	100
	- 21 to 30 (10x)	8WH8 121-3AB25	044	100
	- 31 to 40 (10x)	8WH8 121-3AB35	044	100
	- 41 to 50 (10x)	8WH8 121-3AB45	044	100
	- 51 to 60 (10x)	8WH8 121-3AB55	044	100
	- 61 to 70 (10x)	8WH8 121-3AB65	044	100
	- 71 to 80 (10x)	8WH8 121-3AB75	044	100
	- 81 to 90 (10x)	8WH8 121-3AB85	044	100
	- 91 to 100 (10x)	8WH8 121-3AC05	044	100
	• Custom inscription	8WH8 121-3XA05	044	100
 8WH8 141-3AB05	Labeling plates, flat, for terminal width 6.2 mm, vertical inscription			
	• Incremental numbering			
	- 1 to 10 (10x)	8WH8 141-3AB05	044	100
	- 11 to 20 (10x)	8WH8 141-3AB15	044	100
	- 21 to 30 (10x)	8WH8 141-3AB25	044	100
	- 31 to 40 (10x)	8WH8 141-3AB35	044	100
	- 41 to 50 (10x)	8WH8 141-3AB45	044	100
	- 51 to 60 (10x)	8WH8 141-3AB55	044	100
	- 61 to 70 (10x)	8WH8 141-3AB65	044	100
	- 71 to 80 (10x)	8WH8 141-3AB75	044	100
	- 81 to 90 (10x)	8WH8 141-3AB85	044	100
	- 91 to 100 (10x)	8WH8 141-3AC05	044	100
	• Custom inscription	8WH8 141-3XA05	044	100
 8WH8 111-3AA05	Labeling plates, flat, for terminal width 6.2 mm, blank	8WH8 111-3AA05	044	100
 8WH9 040-3DB08	Fused connectors, without LED display	8WH9 040-3DB08	044	10
	• Black			
	I_{max} : 6.3 A			
 8WH9 020-6BC10	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
	• For terminal width 6.2 mm			
	- 2-pole	8WH9 020-6CC10	044	50
	- 3-pole	8WH9 020-6CD10	044	50
	- 4-pole	8WH9 020-6CE10	044	50
	- 5-pole	8WH9 020-6CF10	044	50
	- 10-pole	8WH9 020-6CL10	044	10
	- 20-pole	8WH9 020-6CS10	044	10
	- 50-pole	8WH9 020-6CT10	044	10
 8WH9 040-0DB04	Isolating plugs	8WH9 040-0DB04	044	50
	• Orange			