

ALPHA FIX Terminal Blocks

ALPHA FIX 8WA and 8WH Terminals with Screw Connection

Overview

Fuse 8WA1 011-1SF12 terminals are used to protect control circuits from short-circuit.

The fuse terminals are intended for 5 mm × 20 mm and 5 mm × 25 mm G fuse links up to 6.3 A and 250 V and for bridging links up to 16 A and 800 V and have a mounting for a replacement fuse link.

The fuse terminals are suitable for fuse-links with sizes 1/4" × 1", 1/4" × 1 1/4" (6.3 mm × 32 mm) to 6.3 A and 250 V.

Fuse terminals are positive opening fuse-disconnectors.





The fuse links must be replaced at zero voltage. Finger-safety is provided in both closed and open positions.

The LED indicates the status of the disconnected fuse (residual current from 2 to 5 mA), but not if the plug is removed (floating).

The double connection is designed so that two conductors with different cross-sections can also be securely connected.

The fixing base of the terminal allows both centered and recessed mounting, allowing the unhindered routing of a 6 mm × 6 mm neutral conductor busbar. The fuse terminal can therefore be joined into a single group with the other terminals of a branch.

Selection and ordering data




Version	Order No.	Price	PG	PS* P. unit																																																									
		1 unit		Unit(s)																																																									
General details																																																													
<ul style="list-style-type: none"> • With thermoplastic insulating base • Screw terminal on both sides for 2 conductors each • Enclosed on both sides 																																																													
Note		Section	Page																																																										
For labeling accessories see ...		Accessories	6/2																																																										
Terminal size 1.5 mm²																																																													
Fuse terminals, terminal size 1.5 mm²																																																													
<ul style="list-style-type: none"> • Rated uninterrupted current 6.3 A when using fuses • Rated uninterrupted current 16 A when using the bridging link • Rated insulation voltage 250 V when using fuses • Rated insulation voltage 800 V when using the bridging link • Mounting width 10 mm • Terminal height 42 mm • Terminal length 57 mm • Open isolating distance 500 V •  AWG 18-14 •  AWG 18-14 																																																													
Versions																																																													
<ul style="list-style-type: none"> • For G-fuse <ul style="list-style-type: none"> - without LED - with LED, 24 V AC/DC - with LED, 48 V AC/DC - with LED, 230 V AC/DC • For inch fuse <ul style="list-style-type: none"> - without LED - with LED, 24 V AC/DC - with LED, 120 V AC/110 V DC 																																																													
Accessories		Section	Page																																																										
G-fuse links																																																													
<ul style="list-style-type: none"> • Fast, high breaking capacity <ul style="list-style-type: none"> - rated uninterrupted current 1 A - rated uninterrupted current 1.6 A - rated uninterrupted current 2.5 A - rated uninterrupted current 4 A - rated uninterrupted current 6.3 A • Slow, low breaking capacity <ul style="list-style-type: none"> - rated uninterrupted current 1 A - rated uninterrupted current 1.6 A - rated uninterrupted current 2.5 A - rated uninterrupted current 4 A - rated uninterrupted current 6.3 A 																																																													
Bridging links		Accessories	1/34																																																										
Link rails																																																													
<ul style="list-style-type: none"> • l = 104 mm, 10 connections 																																																													
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* See pages 7/9 through 7/12 for 8WA package size requirements.

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Fuse terminals

Version	Order No.	Price	PG	PS* P. unit
		1 unit		Unit(s)
Accessories				
 <p>8WA1 822-7EF16</p>	G-fuse links			
	DIN 41660			
	<ul style="list-style-type: none"> • Fast, high breaking capacity <ul style="list-style-type: none"> - rated uninterrupted current 1 A - rated uninterrupted current 1.6 A - rated uninterrupted current 2.5 A - rated uninterrupted current 4 A - rated uninterrupted current 6.3 A • Slow, low breaking capacity <ul style="list-style-type: none"> - rated uninterrupted current 1 A - rated uninterrupted current 1.6 A - rated uninterrupted current 2.5 A - rated uninterrupted current 4 A - rated uninterrupted current 6.3 A 			
	8WA1 822-7EF16	041	10	
	8WA1 822-7EF18	041	10	
	8WA1 822-7EF21	041	10	
	8WA1 822-7EF23	041	10	
	8WA1 822-7EF25	041	10	
	8WA1 822-7EF76	041	10	
	8WA1 822-7EF78	041	10	
	8WA1 822-7EF81	041	10	
8WA1 822-7EF83	041	10		
8WA1 822-7EF85	041	10		
 <p>8WA1 891</p>	Bridging links			
	5 mm x 25 mm			
 <p>8WA1 822-7VD05</p>	Link rails			
	<ul style="list-style-type: none"> • Single-pole • For 8WA1 011-1SF12 fuse terminal 			
	Versions			
<ul style="list-style-type: none"> • l = 104 mm, 10 connections 				
	8WA1 822-7VD05	041	20	