



Type 8WA1 Specialty Terminals

Description

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

Fuse terminals are designed for 5 mm × 20 mm and 5 mm × 25 mm G fuse links up to 6.3 A and 250 V as well as for bridging links up to 16 A and 500 V. The holder has a receptacle for a spare fuse.

The fuse terminals are actually positive-opening fuse-disconnectors.

The fuse links are changed off-circuit. They are protected against contact with fingers both when open and when closed.

The twin connection facility is designed such that two conductors can be reliably connected even if of different cross sections.

The foot of the fuse terminals is shaped so that they can be snapped on asymmetrically if necessary in order to run past the 6 mm × 6 mm neutral busbar without obstruction. This enables terminal groupings to be employed in which the main circuit terminals of a feeder and the associated control circuit fuses are together.

Illustration	Terminal Size Conductor Size	Voltage Rating	Continuous Current A	Description	Assembly Width	Catalog No	Price Each \$	Std Pack Qty	Fig. No
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Fuse Terminals, Through-type Terminal with Plug Connection with Insulating Body of Molded Thermoplastic. Screw Connections on Both Sides, for 2 Conductors Each.

	18–12 AWG solid 1 or 2 conductors 1 mm ² to 2.5 mm ² finely stranded with end sleeves 1 or 2 conductors 0.75 mm ² to 1.5 mm ²	AC 750V, DC 900V Open isolating gap AC 500V, DC 600V	6.3 ^①	Fuse terminal	0.39 (10)	8WA1011-1SF12	6.90	50	1
			16 ^②	Bridging Link		8WA1891	2.10	10	
			For fuses 5 mm × 20 mm or 5 mm × 25 mm: Manufacturers: Bussman GMA Wickman 19198 SAN-O TSC, MT4, SD6						
Accessories									
			1 A 1.6 A 2.5 A 4 A 6.3 A 250 V	G fuse links (5 mm × 20 mm) IEC 60 127-2, DIN VDE 0820 Part 22, quick- ^② response, large breaking capacity: 1.5 kA		8WA1822-7EF16 8WA1822-7EF18 8WA1822-7EF21 8WA1822-7EF23 8WA1822-7EF25	2.70 2.70 2.70 2.70 2.70	10 10 10 10 10	2
			1 A 1.6 A 2.5 A 4 A 6.3 A 250 V	G fuse links (5 mm × 20 mm) IEC 60 127-2, DIN VDE 0820 Part 22, time-lag ^② small breaking capacity: 35 A at I _n ≤ 2.5 A 10 × I _n at I _n > 2.5 A		8WA1822-7EF76 8WA1822-7EF78 8WA1822-7EF81 8WA1822-7EF83 8WA1822-7EF85	2.70 2.70 2.70 2.70 2.70	10 10 10 10 10	2
			16 A	Bridging link (5 mm × 25 mm) ^③		8WA1891	2.10	10	3
			65 A	Link rails		8WA1822-7VD05 8WA1822-7VD08	4.50 11.20	20 20	4 5
				l = 104 mm, 10 connections ^④ l = 206 mm, 20 connections ^⑤					

Through-type Terminals with Plug Connection with Insulating Body of Molded Thermoplastic. Screw Connections on Both Sides, for 2 Conductors Each.

	16 A per connection point 400 V when using barriers up to 800 V		Terminal Through-type terminal beige 4 push-on connections 6.3–0.8 ^③	8 mm	8WA1232	1.50		6	
Accessories									
			—	1 mm	8WA1821	.80	100	7	
			24A	Links for 2 terminals for 10 terminals		8WA1822-7VH12 8WA1822-7VH20	3.40 5.00	100 100	8 9
			—	Cover with warning arrow white, for inscription		8WA1811 8WA1862	.55 .65	100 100	10 11

①When using fuses.
②When using the bridging link.

③At voltages above 400 to 800V, fully insulated tab receptacles must be used.



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Toggle Switch Disconnect Terminal, Thermoplastic Body, with Screw Terminals on Both Sides

	Terminal Size 2.5 22–12AWG solid 0.6 mm ² dia. to 4 mm ² finely stranded 0.5 mm ² to 2.5 mm ²	AC 380V, DC 450 Isolation gap 320V with barriers 800V	10	Terminal	0.24 (6)	8WA1501	4.30	50
				Accessories: Barrier	0.04 (1)	8WA1820	.70	100

Diode Terminal, Thermoplastic Body, with Screw Terminals on Both Sides and Holes for 2.3 dia. Test Plug

	Terminal Size 2.5 22–12 AWG	250V	1	Diode terminal 	0.24 (6)	8WA1011-1EF20	7.40	100
			10	Barrier	—	8WA1873	7.40	10

Components Terminal, Thermoplastic Body, with Screw Terminals on Both Sides for Twin Conductors

Plug 8WA1822-7EE00 8WA1011-1EE00	18–12 AWG		6.3/690V	Terminal for components for self-assembly	0.39 (10)	8WA1011-1EE00	5.50	50
			6.3/0.65W	Plug with printed circuit boards for components	—	8WA1822-7EE00	3.50	1

Circuit Breaker Terminal, Thermoplastic Body, with Screw Terminals on Both Sides, 1000A Interrupting Capacity at 120VAC

	Circuit-breaker terminal with short-circuit trip^①								
	14–12 AWG	AC 250V, DC 60V	1		0.49 (12.5)		8WA1011-1SF24	53.00	20
			2				8WA1011-1SF25	53.00	20
			4				8WA1011-1SF26	53.00	20
			6				8WA1011-1SF27	53.00	20
			10				8WA1011-1SF28	44.00	20
	Circuit-breaker terminal with overload and short-circuit trip^②								
	14–12 AWG	AC 250V, DC 60V	1		0.49 (12.5)		8WA1011-2SF24	53.00	20
			2				8WA1011-2SF25	53.00	20
			4				8WA1011-2SF26	53.00	20
6			8WA1011-2SF27				53.00	20	
10			8WA1011-2SF28				53.00	20	

Note: All dimensions shown in inches and (millimeters). For reference purposes only. Not to be used for design or construction purposes.

For labeling accessories see pages 771-773.

①Inductive AC loads such as contactor coils and solenoid valves have peak inrush currents of about 10 times the continuous current. Circuit-breaker terminals with short-circuit releases must be selected so that they are not tripped by these values of peak inrush current.

②When using circuit-breaker terminals with overload and short-circuit releases a device with lower rated continuous current can be selected because the short-circuit release will only operate at higher values.