

Terminal Blocks

8WA1 Terminals with Screw Connection

N isolating terminals and branch terminals

Overview

N isolating terminals allow an insulation test to be performed without disconnecting the neutral conductor in accordance with DIN VDE 0108 and DIN VDE 0100 (Rules for the

installation of electric power equipment).

The branch terminals are used for the connection of lines (L), e.g. for power supplies, to the busbar 6 mm × 6 mm.

The rated voltage between two branch terminals (1 slide open) is 289 V.

When they are used as shield terminals according to DIN VDE 0160, they provide

isolation between the central reference point (shield connection conductor) and ground conductor.

Selection and ordering data

With 1 screw connection and connection to the neutral busbar 6 mm × 6 mm according to DIN 1761
With blue or beige insulating body of molded thermoplastic

Dimensions ²⁾	IEC ratings uninterrupted current IEC ratings insulation voltage	UL ratings current / voltage	Description	Color	Order No.	Price
Terminal size 2.5 · Assembly width 6 mm · With integrated test socket in fixed part of terminal  AWG 22-12  AWG 22-12						
	24 A 500 V	20 A 600 V	N isolating terminal	blue	8WA1 011-1NF01	
	insulating gap 400 V	20 A 600 V	Branch terminal	beige	8WA1 011-1NF02	
Terminal size 4 · Assembly width 6.5 mm · With integrated test socket in fixed part of terminal  AWG 18-10  AWG 18-10						
	32 A 500 V	30 A 600 V	N isolating terminal	blue	8WA1 011-1NG31	
	insulating gap 400 V	30 A 600 V	Branch terminal	beige	8WA1 011-1NG32	
Terminal size 6 · Assembly width 8 mm · With integrated test socket in fixed part of terminal  AWG 14-8  AWG 14-8						
	41 A 500 V	44 A 600 V	N isolating terminal	blue	8WA1 011-1NH01	
	insulating gap 400 V	44 A 600 V	Branch terminal	beige	8WA1 011-1NH02	
Terminal size 16 · Assembly width 10 mm  AWG 12-4						
	76 A 500 V	73 A 300 V	N isolating terminal	blue	8WA1 604	
	insulating gap 400 V	73 A 600 V	Branch terminal	beige	8WA1 011-1NK02	

Accessories

	Rated uninterrupted current	Description	Design	Fig. No.	Order No.	Price
	125 A	N busbar, 6 mm × 6 mm	1104 mm long 2000 mm long	①	8GF9 324-2 8WC5 020	
	32 A 76 A 125 A	Feeder terminal for N busbar, 6 mm × 6 mm and 10 mm × 3 mm, bare	connection up to 4 mm ² 25 mm ² 35 mm ²	②	8WA2 867 8WA2 868 8WA2 870	
	-	Cover¹⁾ for N busbar	length 155 mm	③	8WA1 822-7AX00	1 packg.
		Labelling accessories: label holder (1 packing = 100 holders)			3TX4 210-0J	

Labelling accessories see page 15/40 - 43.

1) Not for 8WA1 604 and 8WA1 011-1NK02.

2) 25.4 mm = 1.00 inch.