

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

#### Accessories

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

Labelling accessories see page 15/40 - 43.

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

2) 25.4 mm = 1.00 inch.