

Terminal Blocks

8WA2 Terminals with Cage Clamps

Insta or three-tier terminals

Overview

The Insta terminals incorporate up to 3 different terminal functions in one insulating body of 6.2 mm width. With only two terminals a complete three-phase outgoing feeder (L₁, L₂, L₃, Grd, N) can be set up and each phase can be bridged and multiplied by the 3 cross connection links. The dimensions comply with the requirements for mounting distribution boards in public buildings. The N conductor rail has a different height than the N isolating terminals. The 8WA2 011-3JG11 or 8WA2 846 16 mm² feeder terminal is used for the infeed.

L, L, L Insta terminal

The 8WA2 011-3JG30 terminal includes three through-type connections for phase conductors, i.e. three potentials can be multiplied with one terminal.

Ground, L, NT Insta terminal

The 8WA2 011-3JG10 terminal is the basic model for AC circuits. It comprises:

- Ground-conductor connection
- Through-type connection for one phase conductor (L₁)
- Neutral conductor connection which can be isolated from the 10 mm x 3 mm N busbar by means of a slide.

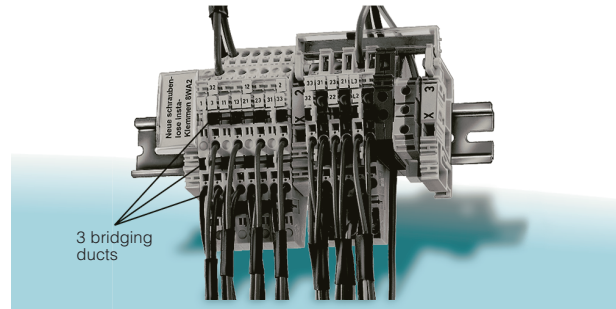
A complete three-phase outgoing feeder requires an additional 8WA2 011-3JG12 (L₂, L₃) terminal. The three-phase feeder can be multiplied by means of the bridging system described below.

Ground, L, N Insta terminal

If no N isolation is required, the 8WA2 011-3JG17 terminal is used:

- Grd-conductor connection
- Through-type connection for

Sample strip equipped with Insta terminals



one phase conductor
• Through-type connection for the neutral conductor

second phase conductor has been provided.

L and L, L Insta terminal

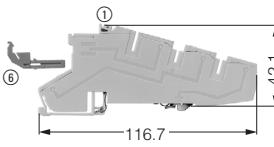

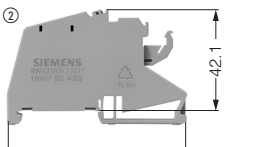
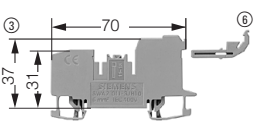
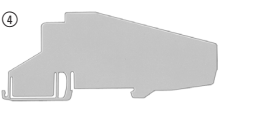
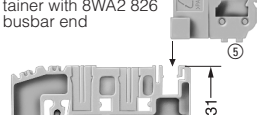
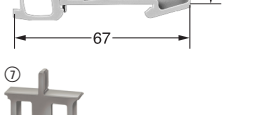
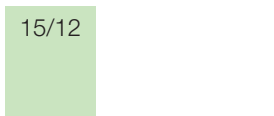
The 8WA2 011-3JG15 and 8WA2 011-3JG18 terminals respectively include one and two through-type connections for phase conductors.

Ground, L, L Insta terminal

The design of the 8WA2 011-3JG16 terminal is similar to that of the 8WA2 011-3JG17 terminal; instead of a through-type connection for the N-conductor a through-type connection for a

Selection and ordering data

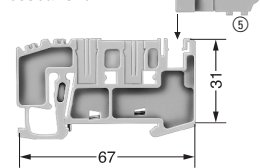
With insulating body of molded thermoplastic · Front connection with Cage Clamps

Dimensions ²⁾	IEC ratings uninterrupted current	UL ratings current / voltage	Description	Design Color	Fig. No.	Order No.	Price
	IEC ratings insulation voltage						
Terminal size 4 mm² · Overall width 6.2 mm  AWG 28-12							
	32 A 400 V between phase conduc- tors	20 A 300 V	Insta terminal	Grd, L, NT L, L ¹⁾	①	8WA2 011-3JG10	
	250 V between phase conduc- tors, PE and N isolate. terminals		Three-phase outgoing terminal	L, L, L		8WA2 011-3JG12	
						8WA2 011-3JG15	
						8WA2 011-3JG16	
						8WA2 011-3JG17	
					8WA2 011-3JG18		
					8WA2 011-3JG30		

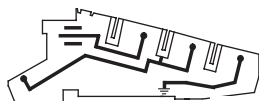
Accessories for Insta terminal

68 A 800 V	63 A 600 V	Feeder terminal , width 10 mm, 16 mm ² (the 8WA2 843 N busbar support is included in the scope of supply)	blue	②	8WA2 011-3JG11
41 A 400 V	30 A 600 V	N isolating terminal , high Insta terminal level, for mixing stan- dard and Insta terminals on the standard mounting rail	blue	③	8WA2 011-3JH10
		Barrier	yellow	④	8WA2 816
		N busbar for N busbar 10 x 3 mm, for insertion in end retainer	gray	⑤	8WA2 826
		N busbar support	blue	⑥	8WA2 843
		Lockout	yellow	⑦	8WA2 848

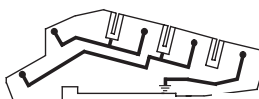
8WA2 808 end re-
tainer with 8WA2 826
busbar end



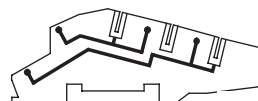
8WA2 011-3JG10



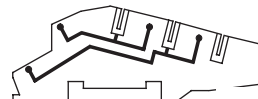
8WA2 011-3JG16, -3JG17



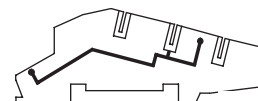
8WA2 011-3JG12¹⁾



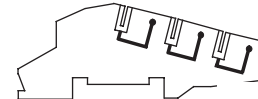
8WA2 011-3JG18



8WA2 011-3JG15



8WA2 011-3JG30



Labelling accessories see from page 15/40 - 43

1) For three-phase outgoing feeder.

2) 25.4 mm = 1.00 inch.

Three-phase outgoing feeders (L₁, L₂, L₃)
can be multiplied with this terminal.