

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 × 3 mm N busbar by means of a slide.

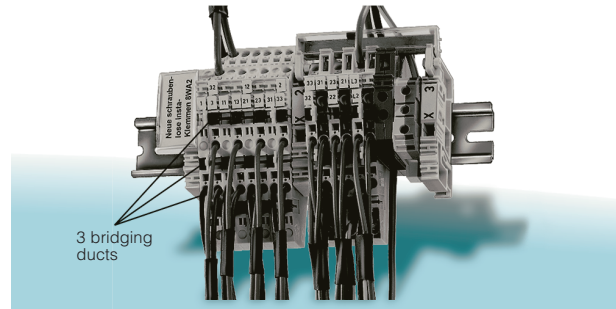
A complete three-phase outgoing feeder requires an additional 8WA2 011-3JG12 (L₂, L₃) terminal. The three-phase feeder can be multiplied by means of the bridging system described below.

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

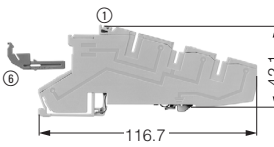
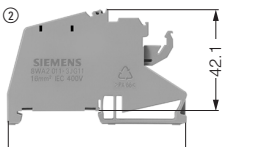
The 8WA2 011-3JG15 and 8WA2 011-3JG18 terminals respectively include one and two through-type connections for phase conductors.

Ground, L, L Insta terminal

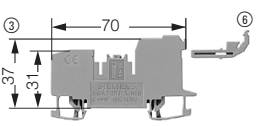
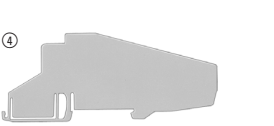
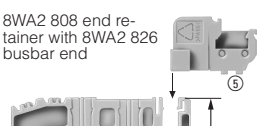
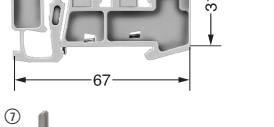
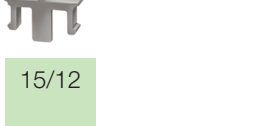
The design of the 8WA2 011-3JG16 terminal is similar to that of the 8WA2 011-3JG17 terminal; instead of a through-type connection for the N-conductor a through-type connection for a

Selection and ordering data

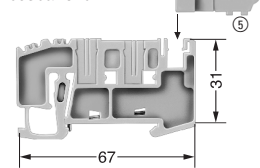
With insulating body of molded thermoplastic · Front connection with Cage Clamps

| Dimensions ²⁾ | IEC ratings uninterrupted current | UL ratings current / voltage | Description | Design Color | Fig. No. | Order No. | Price |
|---|--|------------------------------------|--------------------------------------|----------------------------------|----------|--|-----------------------|
|  | 32 A 400 V between phase conduc- tors | 20 A 300 V | Insta terminal | Grd, L, NT L, L ¹⁾ | ① | 8WA2 011-3JG10 8WA2 011-3JG12 8WA2 011-3JG15 8WA2 011-3JG16 8WA2 011-3JG17 8WA2 011-3JG18 | |
|  | 250 V between phase conduc- tors, PE and N isolate. terminals | | Three-phase outgoing terminal | L, L, L | | | 8WA2 011-3JG30 |

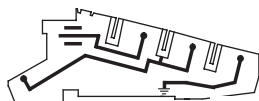
Accessories for Insta terminal

| | | | | | | | |
|---|---------------|---------------|---|--------|---|-----------------------|--|
|  | 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 × 3 mm, for insertion in end retainer | gray | ⑤ | 8WA2 826 | |
|  | | | N busbar support | blue | ⑥ | 8WA2 843 | |
| | | | Lockout | yellow | ⑦ | 8WA2 848 | |

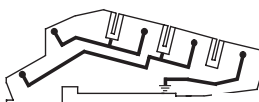
8WA2 808 end re-
tainer with 8WA2 826
busbar end



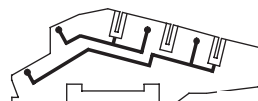
8WA2 011-3JG10



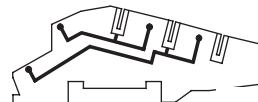
8WA2 011-3JG16, -3JG17



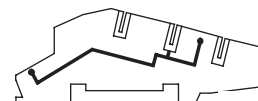
8WA2 011-3JG12¹⁾



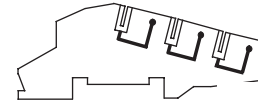
8WA2 011-3JG18



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.