

# 7

## ALPHA FIX Terminal Blocks

**ALPHA FIX IDC terminals with the insulation displacement connection**

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Through-type terminals  
PE terminals

**ALPHA FIX SL compact terminals, spring-loaded**

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Through-type terminals  
PE terminals

**ALPHA FIX SL standard terminals, spring-loaded**

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Through-type, N isolating and PE terminals  
Insta or three-tier terminals  
Linking and other accessories

**ALPHA FIX S terminals with screw connection**

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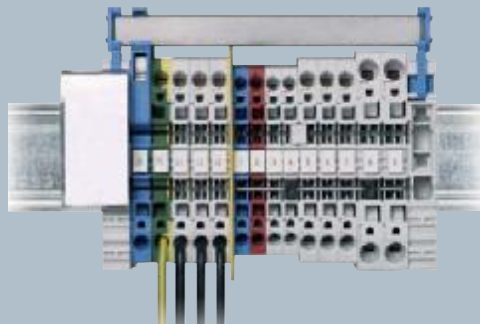
Through-type terminals  
N isolating and PE terminals  
Insta or three-tier terminals

**Accessories**

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Labeling accessories

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Sit back and relax.

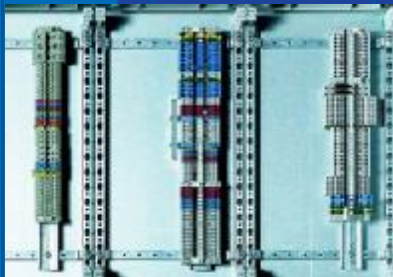
#### Fast help with connections

Our ALPHA FIX terminal blocks for standard mounting rails have passed the acid test for reliability - be it for use in distribution boards or control cabinets.

Safely seated.

## ALPHA FIX Terminal Blocks

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We provide them in three models: ALPHA FIX S with screw connection, ALPHA FIX SL screwless with spring-loaded connection and ALPHA FIX IDC screwless with insulation displacement clamping connection.

- All three are designed for quick and reliable installation and have a uniform labeling system.

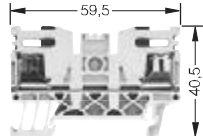
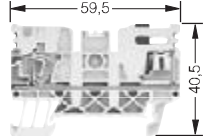
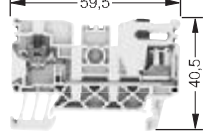
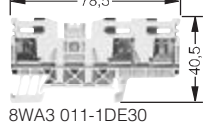






# ALPHA FIX Terminal Blocks

## ALPHA FIX IDC Terminals with Insulation Displacement Connection

### Through-type terminals

#### Selection and ordering data

With insulating body made of Wemid · Front connection in IDC system

	Rated uninterrupted current Rated insulation voltage	Design	Color	Order No.	Price 1 item	PG	PS*/ P. unit Items
<b>Through-type terminals</b>							
<i>Terminal size 1.5 mm<sup>2</sup> · Width 5 mm · AWG 24-16</i>							
 8WA3 011-1DE20	17.5 A/500 V	IDC/IDC	gray blue	<b>8WA3 011-1DE20</b>		041	50
		IDC/spring	gray blue	<b>8WA3 021-1DE20</b>		041	50
 8WA3 021-1DE20	17.5 A/500 V	IDC/IDC	gray blue	<b>8WA3 011-1DE30</b>		041	50
		IDC/IDC	gray blue	<b>8WA3 011-1DE40</b>		041	50
 8WA3 031-1DE20	17.5 A/500 V	IDC/IDC	gray blue	<b>8WA3 011-1DE30</b>		041	50
		IDC/IDC	gray blue	<b>8WA3 011-1BE33</b>		041	50
 8WA3 011-1DE30	17.5 A/500 V	IDC/IDC	gray blue	<b>8WA3 011-1DE40</b>		041	50
		IDC/IDC	gray blue	<b>8WA3 011-1BE43</b>		041	50
 8WA3 011-1DE40	17.5 A/500 V	IDC/IDC	gray blue	<b>8WA3 011-1DE40</b>		041	50
		IDC/IDC	gray blue	<b>8WA3 011-1BE43</b>		041	50
<b>Accessories</b>							
 8WA3 522-7WE01	<b>Cover plates</b>						
	for through-type terminals with two clamping points		gray blue	<b>8WA3 522-7WE01</b>		041	50
	for through-type terminals with three clamping points		gray blue	<b>8WA3 522-7WE03</b>		041	50
 8WA8 522-7VF02	for through-type terminals with four clamping points		gray blue	<b>8WA3 522-7WE31</b>		041	50
			gray blue	<b>8WA3 522-7WE33</b>		041	50
			gray blue	<b>8WA3 522-7WE41</b>		041	50
 8WA3 522-7WE06	<b>Connection combs</b>						
	for two terminals (1 pack. = 60 items)		yellow	<b>8WA8 522-7VF02</b>		041	1 pack.
	for three terminals (1 pack. = 60 items)		yellow	<b>8WA8 522-7VF03</b>		041	1 pack.
 8WA3 522-7WE07	for four terminals (1 pack. = 60 items)		yellow	<b>8WA8 522-7VF04</b>		041	1 pack.
	for ten terminals (1 pack. = 20 items)		yellow	<b>8WA8 522-7VF10</b>		041	1 pack.
	<b>Covers, with warning arrow</b> (1 pack. = 20 items)		yellow	<b>8WA3 522-7WE06</b>		041	1 pack.
 8WA3 522-7WE00	<b>Test adapter</b> (1 pack. = 25 items)		black	<b>8WA3 522-7WE07</b>		041	1 pack.
	<b>Reduction sleeve</b> (1 pack. = 100 items)		white	<b>8WA3 522-7WE00</b>		041	1 pack.

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.

# ALPHA FIX Terminal Blocks

## ALPHA FIX IDC Terminals with Insulation Displacement Connection

PE terminals

### Selection and ordering data

With insulating body made of Wemid · Front connection in IDC system

Design	Color	Order No.	Price 1 item	PG	PS* P. unit Items
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#### PE terminals with connection to standard mounting rail

Terminal size 1.5 mm<sup>2</sup> · Width 5 mm · AWG 24-16

##### with 2 clamping points

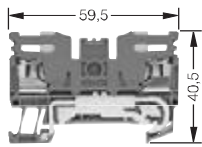
IDC/IDC	green-yellow	<b>8WA3 011-1PE20</b>	041	50
IDC/spring	green-yellow	<b>8WA3 021-1PE20</b>	041	50
IDC/screw	green-yellow	<b>8WA3 031-1PE20</b>	041	50

##### with 3 clamping points

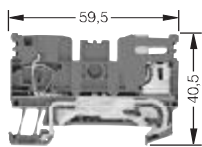
IDC/IDC	green-yellow	<b>8WA3 011-1PE30</b>	041	50
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##### with 4 clamping points

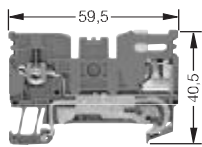
IDC/IDC	green-yellow	<b>8WA3 011-1PE40</b>	041	50
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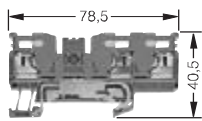
8WA3 011-1PE20



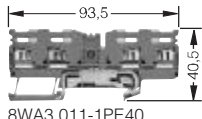
8WA3 021-1PE20



8WA3 031-1PE20



8WA3 011-1PE30



8WA3 011-1PE40

#### Accessories

##### Cover plates

for PE terminals with two clamping points	gray	<b>8WA3 522-7WE01</b>	041	50
for PE terminals and three clamping points	gray	<b>8WA3 522-7WE31</b>	041	50
for PE terminals with four clamping points	gray	<b>8WA3 522-7WE41</b>	041	50

8WA3 522-7WE01

**Test adapter** (1 pack. = 25 items)

**Reduction sleeve** (1 pack. = 100 items)



8WA3 522-7WF07



8WA3 522-7WE00

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.

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\* You can order this quantity or a multiple thereof.

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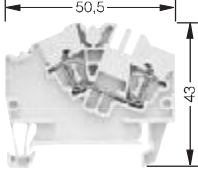
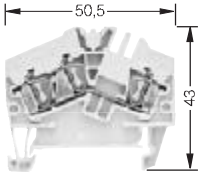
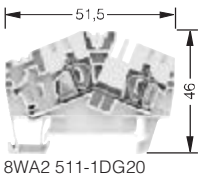
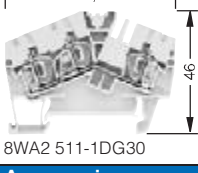


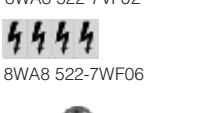


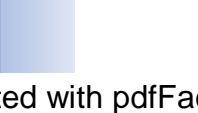
# ALPHA FIX Terminal Blocks

## ALPHA FIX SL Compact Terminals, Spring-Loaded

### Through-type terminals

#### Selection and ordering data

With insulating body made of Wemid · Front connection in spring-loaded system

	Rated uninterrupted current Rated insulation voltage	Color	Order No.	Price 1 item	PG	PS*/ P. unit Items
<b>Through-type terminals</b>						
 <p>50,5 43 8WA2 511-1DF20</p>	<i>Terminal size 2.5 mm<sup>2</sup> · Width 5 mm · AWG 26-14</i> <b>with 2 clamping points</b> 24 A/800 V		gray	8WA2 511-1DF20	041	50
	<b>with 3 clamping points</b> 24 A/800 V		blue			
 <p>50,5 43 8WA2 511-1DF30</p>	<i>Terminal size 2.5 mm<sup>2</sup> · Width 5 mm · AWG 26-14</i> <b>with 2 clamping points</b> 24 A/800 V		gray	8WA2 511-1DF30	041	50
	<b>with 3 clamping points</b> 24 A/800 V		blue			
 <p>51,5 46 8WA2 511-1DG20</p>	<i>Terminal size 4 mm<sup>2</sup> · Width 6 mm · AWG 26-10</i> <b>with 2 clamping points</b> 32 A/800 V		gray	8WA2 511-1DG20	041	50
	<b>with 3 clamping points</b> 32 A/800 V		blue			
 <p>61,5 46 8WA2 511-1DG30</p>	<i>Terminal size 4 mm<sup>2</sup> · Width 6 mm · AWG 26-10</i> <b>with 2 clamping points</b> 32 A/800 V		gray	8WA2 511-1DG30	041	50
	<b>with 3 clamping points</b> 32 A/800 V		blue			
<b>Accessories</b>						
 <p>8WA8 522-7WG01</p>	<b>Cover plates</b>					
	for through-type terminals with terminal size 2.5 mm <sup>2</sup>		gray	8WA8 522-7WF01	041	50
 <p>8WA8 522-7VF02</p>	for through-type terminals with terminal size 4 mm <sup>2</sup>		blue	8WA8 522-7WF03	041	50
			gray	8WA8 522-7WG01	041	50
 <p>8WA8 522-7WF06</p>			blue	8WA8 522-7WG03	041	50
			blue	8WA8 522-7WG03	041	50
 <p>8WA8 522-7WF07</p>	<b>Connection combs</b>					
	for through-type terminals with terminal size 2.5 mm <sup>2</sup>		yellow	8WA8 522-7VF02	041	1 pack.
 <p>8WA8 522-7WF06</p>	for two terminals (1 pack. = 60 items)		yellow	8WA8 522-7VF03	041	1 pack.
	for three terminals (1 pack. = 60 items)		yellow	8WA8 522-7VF03	041	1 pack.
 <p>8WA8 522-7WF06</p>	for four terminals (1 pack. = 60 items)		yellow	8WA8 522-7VF04	041	1 pack.
	for ten terminals (1 pack. = 20 items)		yellow	8WA8 522-7VF10	041	1 pack.
<p>8WA8 522-7WF06</p>	for through-type terminals with terminal size 4 mm <sup>2</sup>		yellow	8WA8 522-7VG02	041	1 pack.
	for two terminals (1 pack. = 60 items)		yellow	8WA8 522-7VG02	041	1 pack.
<p>8WA8 522-7WF06</p>	for three terminals (1 pack. = 60 items)		yellow	8WA8 522-7VG03	041	1 pack.
	for four terminals (1 pack. = 60 items)		yellow	8WA8 522-7VG04	041	1 pack.
<p>8WA8 522-7WF06</p>	for ten terminals (1 pack. = 20 items)		yellow	8WA8 522-7VG10	041	1 pack.
			yellow	8WA8 522-7VG10	041	1 pack.
<p>8WA8 522-7WF06</p>	<b>Covers, with warning arrow</b> (1 pack. = 20 items)					
	for through-type terminals with terminal size 2.5 mm <sup>2</sup>		yellow	8WA8 522-7WF06	041	1 pack.
<p>8WA8 522-7WF06</p>	for through-type terminals with terminal size 4 mm <sup>2</sup>		yellow	8WA8 522-7WG06	041	1 pack.
			yellow	8WA8 522-7WG06	041	1 pack.
<p>8WA8 522-7WF06</p>	<b>Test adapters</b> (1 pack. = 25 items)					
	for through-type terminals with terminal size 2.5 mm <sup>2</sup>		black	8WA8 522-7WF07	041	1 pack.
<p>8WA8 522-7WF06</p>	for through-type terminals with terminal size 4 mm <sup>2</sup>		black	8WA8 522-7WG07	041	1 pack.
			black	8WA8 522-7WG07	041	1 pack.

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.



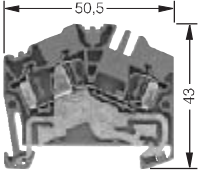
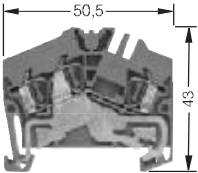
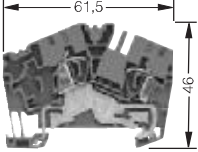
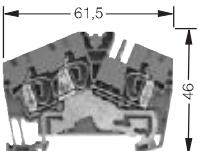


# ALPHA FIX Terminal Blocks

## ALPHA FIX SL Compact Terminals, Spring-Loaded

PE terminals

### Selection and ordering data

With insulating body made of Wemid · Front connection spring-loaded

Design	Color	Order No.	Price 1 item	PG	PS*/ P. unit Items
<b>PE terminals with connection to standard mounting rail</b>					
<i>Terminal size 2.5 mm<sup>2</sup> · Width 5 mm · AWG 26-14</i>					
 8WA2 511-1PF20	green-yellow	<b>8WA2 511-1PF20</b>		041	50
 8WA2 511-1PF30	green-yellow	<b>8WA2 511-1PF30</b>		041	50
<i>Terminal size 4 mm<sup>2</sup> · Width 6 mm · AWG 26-10</i>					
 8WA2 511-1PG20	green-yellow	<b>8WA2 511-1PG20</b>		041	50
 8WA2 511-1PG30	green-yellow	<b>8WA2 511-1PG30</b>		041	50
<b>Accessories</b>					
 8WA8 522-7WG01	Cover plates for PE terminals with terminal size 2.5 mm <sup>2</sup>	gray	<b>8WA8 522-7WF01</b>	041	50
	for PE terminals with terminal size 4 mm <sup>2</sup>	gray	<b>8WA8 522-7WG01</b>	041	50
 8WA8 522-7WF06	<b>Covers, with warning arrow</b> (1 pack. = 20 items) for PE terminals with terminal size 2.5 mm <sup>2</sup>	yellow	<b>8WA8 522-7WF06</b>	041	1 pack.
	for PE terminals with terminal size 4 mm <sup>2</sup>	yellow	<b>8WA8 522-7WG06</b>	041	1 pack.

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For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.

\* You can order this quantity or a multiple thereof.

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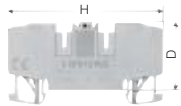
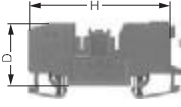


# ALPHA FIX Terminal Blocks

## ALPHA FIX SL Standard Terminals, Spring-Loaded

### Through-type, N isolating and PE terminals

#### Selection and ordering data

With thermoplastic insulating body · Front connection spring-loaded

	Rated uninterrupted current	Color	Height H	Depth D	Order No.	Price	PG	PS*/P. unit
	Rated insulation voltage		mm	mm		1 item		Items
<b>Through-type terminals with 2 clamping points</b>								
 8WA2 011-1D.20	<i>Terminal size 2.5 mm<sup>2</sup> · Width 5.2 mm · AWG 28-14 AWG 26-14</i>							
	24 A/800 V	light gray blue	60.0	28.6	<b>8WA2 011-1DF20</b> <b>8WA2 011-1BF23</b>		041 041	50 50
	<i>Terminal size 4 mm<sup>2</sup> · Width 6.2 mm · AWG 28-12 AWG 26-12</i>							
	32 A/800 V	light gray blue	65.0	28.6	<b>8WA2 011-1DG20</b> <b>8WA2 011-1BG23</b>		041 041	50 50
	<i>Terminal size 6 mm<sup>2</sup> · Width 8.2 mm · AWG 24-10 AWG 24-10</i>							
	41 A/800 V	light gray blue	70.0	31.0	<b>8WA2 011-1DH20</b> <b>8WA2 011-1BH23</b>		041 041	50 50
<i>Terminal size 10 mm<sup>2</sup> · Width 10 mm · AWG 24-8</i>								
57 A/800 V	light gray blue	86.0	38.0	<b>8WA2 011-1DJ20</b> <b>8WA2 011-1BJ23</b>		041 041	20 20	
<i>Terminal size 16 mm<sup>2</sup> · Width 12 mm · AWG 24-6</i>								
76 A/800 V	light gray blue	89.4	38.0	<b>8WA2 011-1DK20</b> <b>8WA2 011-1BK23</b>		041 041	20 20	
<b>N isolating terminals with 1 clamping point</b>								
 8WA2 011-1N.23	<i>Terminal size 4 mm<sup>2</sup> · Width 6.2 mm · AWG 28-12 AWG 26-12</i>							
	32 A/isolating distance 400 V blue		68.5	31.0	<b>8WA2 011-1NG23</b>		041	50
	<i>Terminal size 6 mm<sup>2</sup> · Width 8.2 mm · AWG 24-10 AWG 24-10</i>							
	41 A/isolating distance 400 V blue		71.0	31.0	<b>8WA2 011-1NH23</b>		041	50
<i>Terminal size 16 mm<sup>2</sup> · Width 12 mm · AWG 24-6</i>								
76 A/isolating distance 400 V blue		89.4	38.0	<b>8WA2 011-1NK20</b>		041	20	
<b>PE terminals with 2 clamping points and connection to the standard mounting rail</b>								
 8WA2 011-1PF20/-1PG20	<i>Terminal size 2.5 mm<sup>2</sup> · Width 5.2 mm</i>							
	–	green-yellow	60.0	28.6	<b>8WA2 011-1PF20</b>		041	50
	<i>Terminal size 4 mm<sup>2</sup> · Width 6.2 mm</i>							
	–	green-yellow	65.0	28.6	<b>8WA2 011-1PG20</b>		041	50
	<i>Terminal size 6 mm<sup>2</sup> · Width 8.2 mm</i>							
	–	green-yellow	70.0	31.0	<b>8WA2 011-1PH20</b>		041	50
 8WA2 011-1PH20/-1PJ20/ 1PK20	<i>Terminal size 10 mm<sup>2</sup> · Width 10 mm</i>							
	–	green-yellow	86.0	38.0	<b>8WA2 011-1PJ20</b>		041	20
	<i>Terminal size 16 mm<sup>2</sup> · Width 12 mm</i>							
	–	green-yellow	89.4	38.0	<b>8WA2 011-1PK20</b>		041	20

For accessories, please refer to page 7/10.

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.



# ALPHA FIX Terminal Blocks

## ALPHA FIX SL Standard Terminals, Spring-Loaded

Insta or three-tier terminals

### Design

#### Insta or three-tier terminals

With only two terminals a complete three-phase feeder (L1, L2, L3, PE, N) can be set up and each phase can be bridged and multiplied by the 3 cross connection links.

The neutral busbar has a different height than the neutral isolating terminals; for the infeed, the 16mm<sup>2</sup> 8WA2 011-3JG11, 8WA2 011-3JH10 or 8WA2 846 feeder terminal is used.

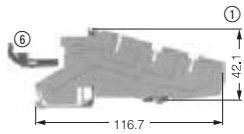
#### L, L, L Insta terminal

The 8WA2011-3JG30 terminal includes three through-type connections for phase conductors, i.e. three potentials can be multiplied with one terminal.

### Selection and ordering data

With thermoplastic insulating body made · Front connection spring-loaded

Rated uninterrupted current	Version	Model	Fig. No.	Order No.	Price	PG	PS*/P. unit
Rated insulation voltage		Color			1 item		Items
Terminal size 4 mm <sup>2</sup> · Width 6.2 mm · AWG 28-12							
32 A 400 V between phase conductors; 250 V between phase conductors, PE and N-isolating terminal	<b>Insta terminals</b>	PE, L, NT L, L <sup>1)</sup> L PE, L, L PE, L, N L, L	①	8WA2 011-3JG10 8WA2 011-3JG12 8WA2 011-3JG15 8WA2 011-3JG16 8WA2 011-3JG17 8WA2 011-3JG18			041 50 041 50 041 50 041 50 041 50 041 50
	<b>Three-phase outgoing terminal</b>	L, L, L		8WA2 011-3JG30			041 50

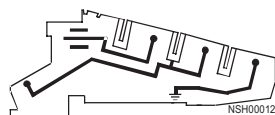


### Accessories for Insta terminals

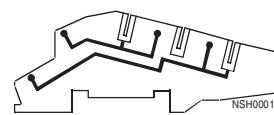
②	68 A 800 V	<b>Feeder terminal</b> Terminal size 16 mm <sup>2</sup> , Width 10 mm (the 8WA2 843 neutral busbar support is included in the scope of supply)	blue	②	8WA2 011-3JG11		041 20
④							
③	41 A	<b>N isolating terminal high</b> Insta terminal level, for mixing standard and Insta terminals on a standard mounting rail	high blue	③	8WA2 011-3JH10		041 50
⑤		<b>Barrier</b>	yellow	④	8WA2 816		041 50
⑥		<b>N busbar end</b> for N busbar 10 mm x 3 mm (Insta terminal level), for inserting in the end-holder	gray	⑤	8WA2 826		041 50
		<b>Neutral busbar support</b>	blue	⑥	8WA2 843		041 50

8WA2 808 end retainer with 8WA2 826 busbar end

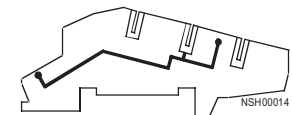
8WA2 011-3JG10



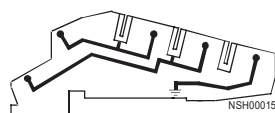
8WA2 011-3JG12



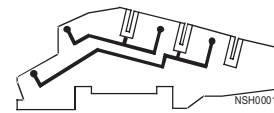
8WA2 011-3JG15



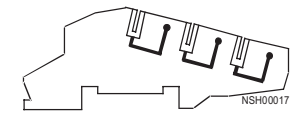
8WA2 011-3JG16, -3JG17



8WA2 011-3JG18



8WA2 011-3JG30



For accessories, please refer to page 7/10.

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.

With this terminal you can duplicate three-phase outgoing lines (L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub>).

\* You can order this quantity or a multiple thereof.

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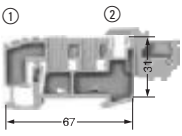


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# ALPHA FIX Terminal Blocks

## ALPHA FIX SL Standard Terminals, Spring-Loaded

### Linking and other accessories

#### Selection and ordering data

	Rated uninterrupted current	Version	Color	Fig. No.	Order No.	Price	PG	PS*/P. unit
						1 item		Items
<b>Linking accessories</b>								
<i>Terminal sizes 2.5 mm<sup>2</sup> to 6 mm<sup>2</sup></i>								
	32 A	<b>Two-pole bridge</b> (for use without link rail)	light gray	⑤	<b>8WA2 831</b>		041	100
	32 A	<b>One-pin plug</b> (for use only with link rail)	black	⑥	<b>8WA2 832</b>		041	100
	32 A	<b>Link rail</b> 500 mm long		⑦	<b>8WA2 830</b>		041	20
<i>Terminal sizes 10 mm<sup>2</sup> and 16 mm<sup>2</sup></i>								
	76 A	<b>Two-pole bridge</b> (for use without link rail) PE/N function	light gray yellow	⑤ ⑤	<b>8WA2 851</b> <b>8WA2 854</b> <b>8WA2 852</b>		041	50 20 50
	76 A	<b>One-pin plug</b> (for use only with link rail)	black	⑥			041	50
	76 A	<b>Link rail</b> 500 mm long		⑦	<b>8WA2 853</b>		041	5
<b>Other accessories</b>								
<i>Terminal sizes 2.5 mm<sup>2</sup> to 16 mm<sup>2</sup></i>								
	-	<b>End retainer</b> , width 9 mm Suitable for 8WA1 806 end label or 8WA8 826-0A, terminal strip label or 3TX4 210-0H device label or 4 8WA8 ... labels (can also be used for neutral busbar 6 x 6 mm as retainer)	light gray	①	<b>8WA2 808</b>		041	50
	-	<b>Neutral busbar end</b> For neutral busbar 10 mm x 3 mm (N isolating terminal level), for inserting in 8WA2 808 end retainer	blue	②	<b>8WA2 837</b>		041	50
<i>Terminal sizes 4 mm<sup>2</sup> to 16 mm<sup>2</sup></i>								
	135 A	<b>Neutral busbar</b> 10 mm x 3 mm, tin-coated, 1000 mm long	-	③	<b>8WA2 842</b>		041	1
	-	<b>Cover</b> for neutral busbar, 500 mm long	transparent	④	<b>8WA2 805</b>		041	2

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.



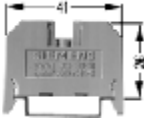




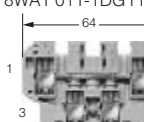
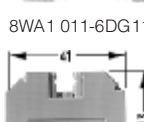






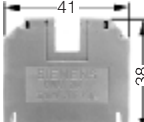
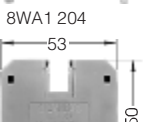


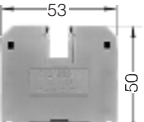
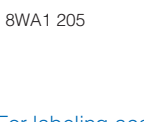
# ALPHA FIX Terminal Blocks

## ALPHA FIX S Terminals with Screw Connection

Through-type terminals

### Selection and ordering data

With thermoplastic insulating body · Screw connection on both sides

	Rated uninterrupted current/ Rated insulation voltage	Version	Color Design	Order No.	Price	PG	PS*/ P. unit
					1 item		Items
<b>Through-type terminals</b>							
<i>Terminal size 2.5 mm<sup>2</sup> · Width 6 mm ·  AWG 22-12  AWG 18-12</i>							
 8WA1 011-1DF11	24 A/800 V	<b>Single terminal</b>	beige blue	<b>8WA1 011-1DF11</b> <b>8WA1 011-1BF23</b>		041	100 100
		<b>Terminal block</b>	beige, 3-pole, 18 mm wide	<b>8WA1 011-3DF21</b>		041	50
 8WA1 011-0DF21	24 A	<b>Link rail</b>	beige, 10-pole, 61 mm wide with inscription 1 to 10 without inscription	<b>8WA1 011-0DF22</b> <b>8WA1 011-0DF21</b> <b>8WA1 898</b>		041 041	20 20 10
		<b>Bridge for link rails</b>		<b>8WA1 822-7VF01</b>		041	50
<i>Terminal size 4 mm<sup>2</sup> · Width 6.5 mm ·  AWG 18-10  AWG 18-10</i>							
 8WA1 011-1DG11	32 A/800 V	<b>Single terminal</b>	beige blue	<b>8WA1 011-1DG11</b> <b>8WA1 011-1BG11</b>		041	100 100
		<b>Terminal block</b>	beige, 3-pole, 19.5 mm wide	<b>8WA1 011-3DG21</b> <b>8WA1 011-0DG22</b>		041	50 20
 8WA1 011-1DG11	32 A	<b>Link rail</b>	beige, 10-pole, 65.5 mm wide with inscription 1 to 10	<b>8WA1 853</b>		041	10
		<b>Two-tier terminal</b>	beige, 2-pole, with 2 electrically isolated links beige, 1-pole	<b>8WA1 011-2DG11</b> <b>8WA1 011-6DG11</b>		041	100 100
 8WA1 011-6DG11	with cover plates 800 V	<b>Cover plate</b>	1.5 mm wide	<b>8WA1 817</b>		041	50
		<b>Link rail</b>	for 10 terminals – upper tier – lower tier	<b>8WA1 853</b> <b>8WA1 838</b>		041 041	10 10
<i>Terminal size 6 mm<sup>2</sup> · Width 8 mm ·  AWG 14-8  AWG 16-8</i>							
 8WA1 011-1DH11	41 A/800 V	<b>Single terminal</b>	beige blue	<b>8WA1 011-1DH11</b> <b>8WA1 011-1BH23</b>		041	100 100
		<b>Terminal block</b>	beige, 3-pole, 24.5 mm wide	<b>8WA1 011-3DH21</b>		041	20
 8WA1 011-1DH11	41 A	<b>Link rail</b>	for 10 terminals	<b>8WA1 888</b>		041	10
	<i>Terminal size 16 mm<sup>2</sup> · Width 10 mm ·  AWG 12-4  AWG 14-6</i>						
 8WA1 204	76 A/800 V	<b>Single terminal</b>	beige blue	<b>8WA1 204</b> <b>8WA1 011-1BK11</b>		041	50 50
		<b>Terminal block</b>	beige, 3-pole, 30 mm wide	<b>8WA1 304</b>		041	20
 8WA1 204	76 A	<b>Link rail</b>	for 10 terminals	<b>8WA1 802</b>		041	10
	<i>Terminal size 35 mm<sup>2</sup> · Width 16 mm ·  AWG 10-1  AWG 12-2</i>						
 8WA1 205	125 A/800 V	<b>Single terminal</b>	beige blue	<b>8WA1 205</b> <b>8WA1 011-1BM11</b>		041	50 50
		<b>Terminal block</b>	beige, 3-pole, 48 mm wide	<b>8WA1 305</b>		041	20
 8WA1 205	125 A	<b>Link rail</b>	for 10 terminals	<b>8WA1 804</b>		041	10

For labeling accessories, please refer to page 7/13.

For other devices and models, please refer to the catalogs LV 10 and ET A5.

\* You can order this quantity or a multiple thereof.

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# ALPHA FIX Terminal Blocks

## ALPHA FIX S Terminals with Screw Connection

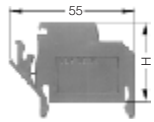
### N isolating and PE terminals

#### Selection and ordering data

With thermoplastic insulating body · With screw connection

Rated uninterrupted current/ Rated insulation voltage	Color	Number of screw connections	Height H mm	Order No.	Price 1 item	PG	PS*/ P. unit Items
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#### N isolating terminals



Terminal size 4 mm<sup>2</sup> · Width 6.5 mm · With integrated test socket in the solid part of the terminal ·

**AWG 18-10** **AWG 18-10**

32 A/500 V	blue	1	35	<b>8WA1 011-1NG31</b>		041	50
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Terminal size 6 mm<sup>2</sup> · Width 8 mm · With integrated test socket in the solid part of the terminal ·

**AWG 14-8** **AWG 14-8**

41 A/500 V	blue	1	35	<b>8WA1 011-1NH01</b>		041	50
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Terminal size 16 mm<sup>2</sup> · Width 10 mm · **AWG 12-4**

76 A/500 V	blue	1	38	<b>8WA1 604</b>		041	50
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#### PE terminals with connection to standard mounting rail



Terminal size 2.5 mm<sup>2</sup> · Width 6 mm

–	green-yellow	1	26	<b>8WA1 011-1PF01</b>		041	100
–	green-yellow	2		<b>8WA1 011-1PF00</b>		041	100

Terminal size 4 mm<sup>2</sup> · Width 7.2 mm

–	green-yellow	1	30	<b>8WA1 011-1PG01</b>		041	50
–	green-yellow	2		<b>8WA1 011-1PG00</b>		041	50

For labeling accessories, please refer to page 7/13.

#### Accessories

Rated uninterrupted current	Version	Connection	Order No.	Price 1 item	PG	PS*/ P. unit Items
125 A	<b>Neutral busbar</b> 6 mm x 6 mm, 2000 mm long		<b>8WC5 020</b>		103	1
–	<b>Cover <sup>1)</sup></b> <b>for neutral busbar</b> 155 mm long		<b>8WA1 822-7AX00</b>		041	10
32 A 76 A 125 A	<b>Feeder terminal</b> <b>for neutral busbar</b> 6 mm x 6 mm and 10 mm x 3 mm, bare	to 4 mm <sup>2</sup> to 25 mm <sup>2</sup> to 35 mm <sup>2</sup>	<b>8WA2 867</b> <b>8WA2 868</b> <b>8WA2 870</b>		041 041 041	50 50 50
–	<b>End retainer</b> 10 mm wide		<b>8WA1 808</b>		041	50
–	<b>Labeling accessories:</b> <b>Label holders</b> (1 pack. = 100 holders)		<b>3TX4 210-0J</b>		101	100

For other devices and models, please refer to the catalogs LV 10 and ET A5.

1) Not for 8WA1 604.

# ALPHA FIX Terminal Blocks

## ALPHA FIX S Terminals with Screw Connection

Insta or three-tier terminals

### Design

The Insta or three-tier terminals incorporate up to three different functions of a terminal in one insulating body of 6 mm width. The width of 3 Insta terminals corresponds to the standard spacing of 18 mm used in distributor panels. Terminals can only be removed from the rail using a tool.

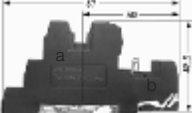
All connection points for incoming and outgoing conductors have a cut-out for a 8WA8 8... label. The PE conductor connections are already green-yellow, and the neutral conductor connections

are already blue. The neutral busbar has the same position on Insta terminals and neutral isolating terminals. For example, a 16 mm<sup>2</sup> neutral isolating terminal can be used as the incoming terminal to the neutral busbar.

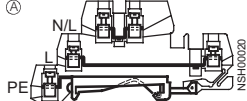
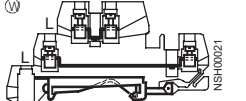
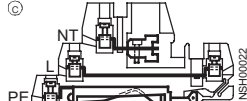
The neutral busbar can be by-passed in the case of the 8WA1 011-3JF16, -3JF17 and -3JF18 with a mounting depth of 42.5 mm.

### Selection and ordering data

With thermoplastic insulating body · Screw connection on both sides

Rated uninterrupted current/ Rated insulation voltage	Version	Design Color	Fig. No.	Order No.	Price	PG	PS*/ P. unit
					1 item		Items
<b>Terminal size 2.5 mm<sup>2</sup> · Width 6 mm · AWG 22-12</b>							
 <p>8WA1 011-3JF16 to -3JF18, -3JF20</p> <p>Between link rails with insulation plates: Rated insulation voltage a = 400 V b = 160 V, with barrier 400 V.</p>	24 A/400 V, between phase conductors; 250 V between phase and PE conductors and for neutral isolating distance	<b>Insta terminals</b>	PE, L, L PE, L, N L, L PE, L, NT	Ⓐ Ⓐ Ⓜ Ⓒ	<b>8WA1 011-3JF16</b> <b>8WA1 011-3JF17</b> <b>8WA1 011-3JF18</b> <b>8WA1 011-3JF20</b>	041 041 041 041	50 50 50 50
		<b>Barrier up to 400 V</b>			<b>8WA1 822-7TH00</b>	041	50
		<b>Insulation plate up to 160 V</b>			<b>8WA1 825</b>	041	50


### Accessories

24 A	<b>Link rail for</b>	2 terminals 3 terminals 4 terminals 10 terminals		<b>8WA1 822-7VF02</b> <b>8WA1 822-7VF03</b> <b>8WA1 822-7VF04</b> <b>8WA1 822-7VF10</b>	041 041 041 041	50 50 20 10
–	<b>Cover<sup>1)</sup></b> for link rail Length 80 mm	transparent white, for inscription		<b>8WA1 822-7AX01</b> <b>8WA1 822-7AX03</b>	041 041	10 10
Ⓐ		Ⓜ		Ⓒ		

### Labeling accessories

### Selection and ordering data

Labeling plates: available only in package (1 item = 1 pack.)

Vertical inscription	Numerals, letters, symbols	Inscription	Order No. supplement	Price	PG	PS*/ P. unit
	Label size 5 mm x 7 mm Inscription height: 2 mm Grid size: 6.2 mm			1 pack.		Items
	<b>Order No.</b>					
	Vertical inscription	1 to 20 (10 x) 1 to 40 ( 5 x) 41 to 100 ( 3 x)	<b>0AB</b> <b>0AC</b> <b>0AD</b>	041 041 041	1 pack. 1 pack. 1 pack.	
	Horizontal inscription	101 to 200 ( 2 x) 201 to 300 ( 2 x)	<b>0AF</b> <b>0AG</b>	041 041	1 pack. 1 pack.	
	P. unit = 1 pack. (1 pack. = 200 plates)	1 to 9, empty (20 x) 1 to 100 ( 2 x)	<b>0AA</b> <b>0AE</b>	041 041	1 pack. 1 pack.	
	Order No. supplement see table along side	A, B to T (10 x) U, V, W, X, Y, Z (30 x); +, - (10 x) L1, L2, L3, N, PE (40 x) U1, V1, W1, U2, V2, W2 (30 x); empty (20 x) T1, T2, T3 (60 x); empty (20 x) T4, T5, T6 (60 x); empty (20 x) + –	<b>1AA</b> <b>1AB</b> <b>1AC</b> <b>1AD</b> <b>1AE</b> <b>1AF</b> <b>1AG</b> <b>1AH</b>	041 041 041 041 041 041 041 041	1 pack. 1 pack. 1 pack. 1 pack. 1 pack. 1 pack. 1 pack. 1 pack.	

For other devices and models, please refer to the catalogs LV 10 and ET A5.

\* You can order this quantity or a multiple thereof.

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# ALPHA FIX Terminal Blocks

Notes