



## Type 8WA1 Ground Terminals

### Description

In switchgear and control systems the mounting rails for the terminal blocks are frequently used as protective earth busbars. The PE (protective earth) terminals provide the connection to the mounting rail.

The elimination of a separate PE busbar allows the PE terminals to be lined up with the insulated main conductor terminals and neutral isolating terminals in any required arrangement. This results in a clear relationship to the individual circuits. The bare 8WAA1 010-1PH01 PE terminals should preferably be used

for connecting the shield to screened cables. They are normally mounted on a standard mounting rail, which is installed insulated by means of an 8WA1 857 insulated carrier. The rail is connected to the PE conductor only by one PE terminal.

### Ground Terminals with 1 Screw Terminal or 2 Screw Terminals and Connection to Standard Mounting Rail, with Green/Yellow Thermoplastic Body<sup>①</sup>

Illustration	Approval	UL	CS	IEC	Description	Assembly Width	Catalog No	Price Each \$	Std Pack Qty
<b>Terminal Size 2.5</b> 	Max Current	Grounding	Grounding	Grounding	1 screw terminal 2 screw terminals	0.24 (6) 0.24 (6)	8WA1011-1PF01 8WA1011-1PF00	4.70 4.70	100 100
	Wire Range	#22-#12 AWG	—	Solid 0.25 mm <sup>2</sup> -4 mm <sup>2</sup> Finely Stranded 0.5 mm <sup>2</sup> -2.5 mm <sup>2</sup>					
	Voltage Rating	—	—	—					
	Wire Strip Length	0.43 (11)							
	Recommended Screw Tightening Torque	4.4 lb-in. (0.5 Nm)							
	Density	50 pcs/ft (166 pcs/m)							
<b>Terminal Size 4</b> 	Max Current	Grounding	Grounding	Grounding	1 screw terminal 2 screw terminals	0.28 (7) 0.28 (7)	8WA1011-1PG01 8WA1011-1PG00	4.90 4.90	100 100
	Wire Range	#18-#10 AWG	—	Solid 0.5 mm <sup>2</sup> -6 mm <sup>2</sup> Finely Stranded 1.5 mm <sup>2</sup> -4 mm <sup>2</sup>					
	Voltage Rating	—	—	—					
	Wire Strip Length	0.43 (11)							
	Recommended Screw Tightening Torque	4.4 lb-in. (0.5 Nm)							
	Density	42 pcs/ft (138 pcs/m)							
<b>Terminal Size 6</b> 	Max Current	Grounding	Grounding	Grounding	2 screw terminals	0.31 (8)	8WA1011-1PH00	5.80	100
	Wire Range	#14-#8 AWG	—	Solid 0.75 mm <sup>2</sup> -10 mm <sup>2</sup> Finely Stranded 1.5 mm <sup>2</sup> -6 mm <sup>2</sup>					
	Voltage Rating	—	—	—					
	Wire Strip Length	0.43 (11)							
	Recommended Screw Tightening Torque	7.0 lb-in. (0.8 Nm)							
	Density	38 pcs/ft (125 pcs/m)							
<b>Terminal Size 6</b> 	Max Current	Grounding	Grounding	Grounding	1 screw terminal	0.24 (6)	8WA1011-1PH01	5.80	50
	Wire Range	AWG	—	—					
	Voltage Rating	—	—	—					
	Wire Strip Length	0.43 (11)							
	Recommended Screw Tightening Torque	—							
	Density	—							

All dimensions shown in inches and (millimeters). For reference purposes only. Not to be used for design or construction purposes.

For labeling accessories see pages 762-766.

①Green/yellow size 2.5, 4 and 6 terminals are available both with and without ground connections. See page 478 for green /yellow terminals without grounding connection to mounting rail.