

# EGS BLUEBOOT Selection Guide

For BB-1 Series (<1000 Volt Applications)



## How to Order

The EGS BLUEBOOT is ordered by P/N and conductor size per the following sample table:

P/N	Description
BB-1(12-14)	Connector Kit for 12 through 14 AWG wire
BB-1(16-26)	Connector Kit for 16 through 26 AWG wire
BB-1(12-14/16-26)	Connector Reducer Kit for 12 or 14 to 16 through 26 AWG wire

More kit sizes are available in the following selection guides.

Conductor		Insulation OD (inches)			
Side A AWG	Side B AWG	Side A I <sub>OD</sub> <sup>(1)</sup>	.080-.170 <sup>(2)(3)</sup>	.160-.250 <sup>(2)</sup>	.080-.170 <sup>(2)(3)</sup>
		Side B I <sub>OD</sub> <sup>(1)</sup>	.080-.170 <sup>(2)(3)</sup>	.160-.250 <sup>(2)</sup>	.160-.250 <sup>(2)</sup>
26-16	26-16		BB-1 (16-26)		
26-16	14-12		BB-1 (12-14/16-26)		BB-1 (12-14/16-26) OS
14-12	14-12		BB-1 (12-14)	BB-1 (12-14) OS	

### BB-1 Notes:

1. I<sub>OD</sub> = Insulation outside diameter.
2. For applications where the wire insulation OD is less than the minimum specified (0.080" or 0.160"), a heat shrink shim must be utilized to increase the substrate diameter to an acceptable value.

# EGS BLUEBOOT Selection Guide

For BB-2 and BB-3 Series (<600 Volt Applications)



The table presented below helps the user determine which particular BLUEBOOT Kit is required for different insulation and wire sizes. The user can correlate insulation outside diameter with wire gauge to determine proper BLUEBOOT Kit required for a particular application.

Side A and Side B used in table below can be used for either the device side or field side. Except for the BB-S-2 and BB-S-3 kits, it is general practice to install the socket on the field side.

Conductor		Insulation OD (inches)			
Side A Pin Side Plug Boot AWG	Side B Socket Side Recept. Boot AWG	Side A I <sub>OD</sub> <sup>(1)</sup>	.140-.280 <sup>(2)</sup>	.270-.425 <sup>(2)</sup>	.270-.425 <sup>(2)</sup>
		Side B I <sub>OD</sub> <sup>(1)</sup>	.140-.280 <sup>(2)</sup>	.140-.280 <sup>(2)</sup>	.270-.425 <sup>(2)</sup>
16-18	16-18		BB-2 (16-18)		
12-14	12-14		BB-2 (12-14)		
16-18	12-14		BB-2 (12-14/16-18)		
12-18	8-10		BB-2 (8-10/12-18)		
12-14	8-10		BB-2 (8-10/12-14)		
8-10	8-10		BB-2 (8-10)		
4-10	8-18			BB-S-3	
4-6	8-14			BB-S-2	
8-10	8-10				BB-3 (8-10)
8-10	4-6				BB-3 (4-6/8-10)
4-6	4-6				BB-3 (4-6)

### BB-2 and BB-3 Notes:

- I<sub>OD</sub> = Insulation outside diameter (inches).
- For applications where the wire insulation OD is less than the minimum specified 0.140", or 0.270", a heat shrink shim must be utilized to increase the substrate diameter to an acceptable value.

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