

# Specification Grade Insulated Grounding Bushings

For Threadless Rigid Conduit & IMC

## Type SBLG

### Copper Plus™ Lay-In-Lug™

#### Use:

Provides a compact means of grounding conduit through an insulated bushing. Protects insulated conductors from abrasion during pulling and mechanical vibration. Provides voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

#### Features:

- Tin plated copper saddle for use with copper or aluminum conductors.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C UL rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

#### Material/Finish:

Bushings - ½" & ¾" - Steel, Zinc Plated  
1" to 6" - Malleable Iron, Zinc Plated  
Grounding Saddle - Tin Plated Copper  
Clamping Tension Body - Stainless Steel  
All Screws - Stainless Steel

#### Third Party Certification:

 UL Listed: E-24264

 CSA Certified: 015978

#### Applicable Third Party Standards:

UL Standard: 514B, 467  
CSA Standard: C22.2 No. 41  
Fed. Spec: W-F-408E  
NEMA: FB-1

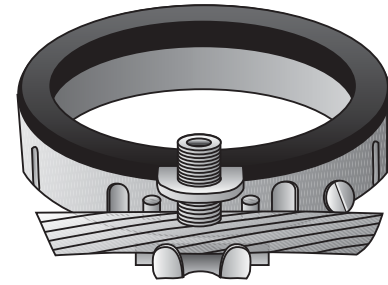
#### Suggested Specifications:

O-Z/Gedney Type SBLG insulated Lay-in-Lug grounding bushings with tin-plated copper grounding path shall be used on all feeder raceways and conduits entering enclosures. The bushings shall have integrally molded non combustible phenolic insulated surfaces rated 150°C.

#### Notes:

1 Type BLG grounding bushings are also available for use on threadless conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HSBLG. Contact your local representative for pricing and availability.

2 Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC on page DB1.



**Type SBLG  
Threadless**

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Trade Size (inches)	Threadless Rigid and IMC Catalog Number	Grounding Wire Size*		Dimensions in Inches		
		Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug
½	SBLG-0504	14	4	1½	½	1½
½	SBLG-0522	8	2/0	1½	½	1½
¾	SBLG-0704	14	4	1¾	⅝	1¼
¾	SBLG-0722	8	2/0	1¾	⅝	1½
1	SBLG-1104	14	4	1¾	¾	1¾
1	SBLG-1122	8	2/0	1¾	¾	1¾
1¼	SBLG-1204	14	4	2	¾	1½
1¼	SBLG-1222	8	2/0	2	¾	1¾
1½	SBLG-1504	14	4	2¼	¾	1¾
1½	SBLG-1522	8	2/0	2¼	¾	1¾
2	SBLG-2004	14	4	2¼	⅞	2
2	SBLG-2022	8	2/0	2¼	⅞	2¼
2½	SBLG-2604	14	4	3¼	1	2½
2½	SBLG-2622	8	2/0	3¼	1	2½
2½	SBLG-2624	6	4/0	3¼	1	2¾
3	SBLG-3104	14	4	4	1	2½
3	SBLG-3122	8	2/0	4	1	2¾
3	SBLG-3124	6	4/0	4	1	3½
3½	SBLG-3604	14	4	4½	1	2¾
3½	SBLG-3622	8	2/0	4½	1	3
3½	SBLG-3624	6	4/0	4½	1	3½
4	SBLG-4104	14	4	5	1½	3
4	SBLG-4122	8	2/0	5	1½	3½
4	SBLG-4124	6	4/0	5	1½	3½
5	SBLG-5104	14	4	6¼	1¼	3¾
5	SBLG-5122	8	2/0	6¼	1¼	4
5	SBLG-5124	6	4/0	6¼	1¼	4¼
6	SBLG-6104	14	4	7¾	1¾	4¼
6	SBLG-6122	8	2/0	7¾	1¾	4½
6	SBLG-6124	6	4/0	7¾	1¾	4¾

\*Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug.