

Type SBLG Specification Grade Insulated Grounding Bushings

For Threadedless Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- 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.

Standard Materials

- Bushings 1/2" and 3/4" - Steel
- Bushings 1" to 6" - Malleable iron
- Grounding Saddle - Tin plated copper
- Clamping tension body - Stainless steel
- All Screws - Stainless steel

Standard Finishes

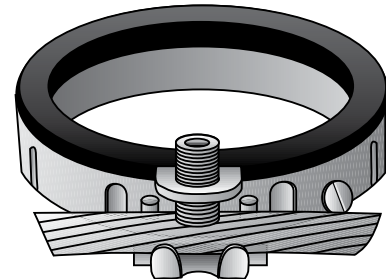
- Bushings 1/2" and 3/4" - Zinc plated
- Bushings 1" to 6" - Zinc plated

Options

- Type SBLG grounding bushings are also available for use on threadedless conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HSBLG. Contact your local representative for pricing and availability.
- Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 065183
- NEMA Standard: FB-1



Type SBLG
Threadedless

OSGEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS, BUSHINGS AND LOCKNUTS

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Trade Size (Inches)	Grounding Wire Size ①		Dimensions in Millimeters (Inches)			Copper Free Aluminum Catalog Number
	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	SBLG-0504
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	SBLG-0522
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	SBLG-0704
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	SBLG-0722
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	SBLG-1104
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	SBLG-1122
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	SBLG-1204
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	SBLG-1222
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	SBLG-1504
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	SBLG-1522
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	SBLG-2004
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	SBLG-2022
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	SBLG-2604
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	SBLG-2622
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	SBLG-2624
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	SBLG-3104
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	SBLG-3122
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	SBLG-3124
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	SBLG-3604
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	SBLG-3622
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	SBLG-3624
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	SBLG-4104
4	8	2/0	127.00 (5.00)	28.70 (1.13)	85.85 (3.38)	SBLG-4122
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	SBLG-4124
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	SBLG-5104
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	SBLG-5122
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	SBLG-5124
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	SBLG-6104
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	SBLG-6122
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	SBLG-6124

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.