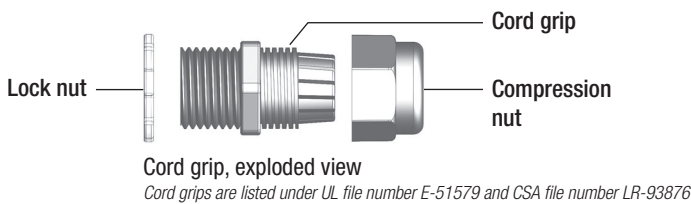
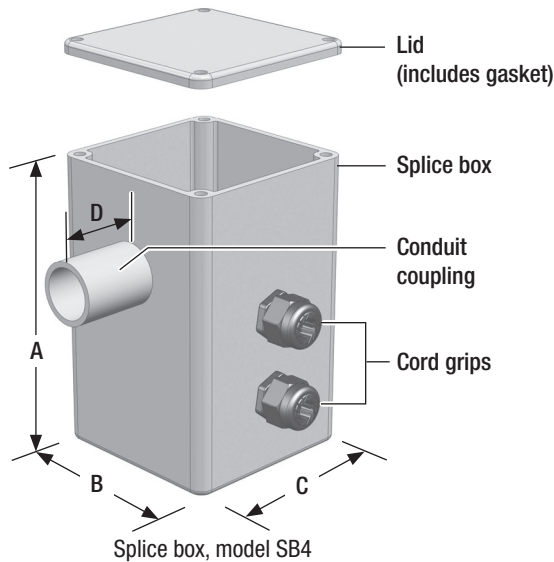


Internal Splice Boxes

Applications

Orenco internal splice boxes house spliced wire connections between an electrical control panel and equipment like effluent pumps and float switches. They conform to UL 514C and CSA C22.2 No. 85 1968, and meet UL Type 4X rating. Cord grips can withstand temperatures of up to 212°F (100°C). Standard 1/2in (13mm) cord grips can accommodate round cord diameters of 0.17- 0.47in (4.3-12mm). Large 3/4in (19mm) cord grips can accommodate round cord diameters of 0.45-0.70in (11-18mm). Cord grips are also available to accommodate single- and three-phase CE-rated 1.5 × 3 flat cords.

For information on Orenco external splice boxes, see [External Splice Box, NTD-SBEX-1](#).



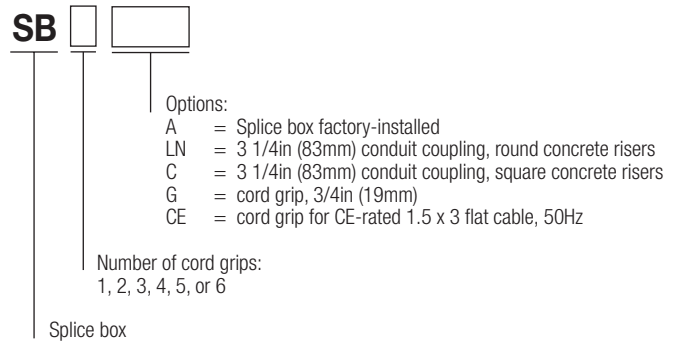
General

Orenco splice boxes come standard with one to six watertight cord grips. Included are waterproof wire nuts, a sealing gasket, and four stainless steel lid screws. Splice boxes also come standard with 1/2in (13mm) cord grips and a 1 5/8in (41mm) long conduit coupling. Large 3/4in (19mm) cord grips and 3 1/4in (83mm) long conduit couplings (for square or round concrete risers) are available.

Standard Models

SB1, SB2, SB3, SB4, SB5, SB6

Product Code Diagram



Not all product code configurations may be available as standard products.

Materials of Construction

Lid	PVC per ASTM D-1784
Splice box	PVC per ASTM D-1784
Conduit coupling	PVC per ASTM D-1784
Cord grip	Nylon
Lock nut	Stainless steel
Sealing gasket (not shown)	Proprietary elastomer
Lid screws (not shown)	Stainless steel

Specifications

Model	SB1	SB2	SB3	SB4	SB5	SB6
A in (mm)	6 1/4 (159)	6 1/4 (159)	6 1/4 (159)	6 1/4 (159)	6 1/4 (159)	6 1/4 (159)
B in (mm)	4 (102)	4 (102)	4 (102)	4 (102)	4 (102)	4 (102)
C in (mm)	4 (102)	4 (102)	4 (102)	4 (102)	4 (102)	4 (102)
D standard size, in (mm)	1 5/8 (41)	1 5/8 (41)	1 5/8 (41)	1 5/8 (41)	1 5/8 (41)	1 5/8 (41)
Conduit diameter, nominal, in (DN)	3/4 (20)	3/4 (20)	3/4 (20)	3/4 (20)	1 (25)	1(25)
Number of cord grips	1	2	3	4	5	6