

External Splice Box

Applications

The Orenco® External Splice Box attaches outside the access riser of an underground tank. It's engineered specifically for water and wastewater treatment systems and is especially suited for use in locations prone to high groundwater and other wet conditions. Its separate conduit hubs, large volume, and optional dividers make it useful for maintaining isolation of high- and low-voltage wires, where needed. It has four cord grips, which accommodate power cords for floats and pumps of 0.170 - 0.470 inches (4.3 - 11.9 mm) in diameter. Unused cord grips can be plugged watertight with the supplied cord grip plugs. Each External Splice Box includes a riser adapter designed to provide a watertight connection between the splice box and riser.



The External Splice Box is molded PVC.
It has a UL Type 6P listing for prolonged submergence.

General

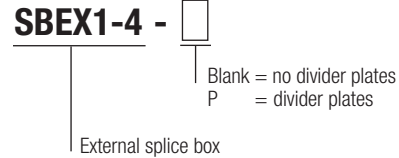
To specify the Orenco External Splice Box for your installation, require the following:

- Watertightness for prolonged submergence per UL listing (Type 6P)
- Attachment external to access riser to allow inspection with no need to open the riser lid
- Volume of 126 in.³ (2065 cm³) for easy wiring access and multiple wiring configurations
- Bottom entry, so conduit or direct-bury cable always remains below minimum burial depth
- UV-resistant rating for outdoor use
- Optional divider plates for isolating high- and low-voltage wires from separate conduits or direct-bury cable
- Included riser adapter to eliminate the need for a grommet

Standard Models

SBEX1-4, SBEX1-4-P

Product Code Diagram



Physical Specifications

| | |
|-----------------------------|--|
| Volume | 126 in. ³ (2065 cm ³) |
| Cord grips | 4 |
| Cord grip plugs | 3 |
| Cord diameters accommodated | 0.170-0.470 in. (4.3-11.9 mm) |
| Conduit hubs | 2 |
| Conduit hub plug | 1 |
| Conduit sizes accommodated | ½ in. (with fitting or bell end) ¾ in. 1 in. (with coupling) |
| Dia. of hole into riser | 5 in. (127 mm); hole-cutting template included |

Materials of Construction

| | |
|------------------|-------------|
| Splice box | PVC |
| Cord grips | Nylon |
| Cord grip plugs | EPDM rubber |
| O-rings | Buna rubber |
| Conduit hub plug | PVC |
| Riser adapter | ABS |

