

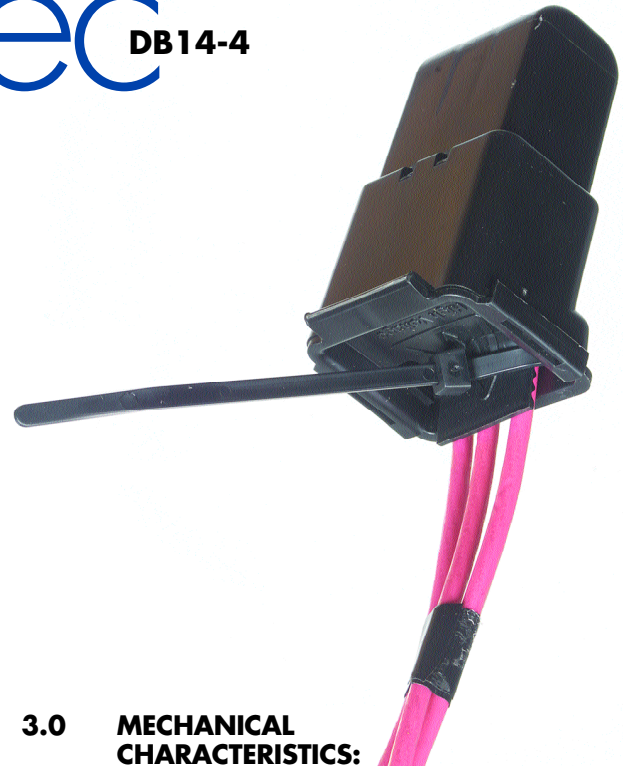
DB14-4 DIRECT BURIAL SPLICE KIT

1.0 SCOPE:

A connector assembly for splicing wires in underground installations, including irrigation system wires and cables, low voltage lighting cables, etc. The bus bar connector assembly has 3 terminals, each capable of accommodating 14 to 4 AWG copper wire, solid or stranded.

2.0 FEATURES:

- A low cost alternative to resin packs used in conjunction with twist-on wire connectors, split bolts, butt connectors, etc.
- No waiting for resins to dry before the splice can be placed inside a valve/junction box.
- The simplicity of the design allows for drastic reductions of installation time and costs. Just tighten the set screws on the bus bar connector and slide it into the gel-filled enclosure.
- No tools required, other than wire strippers. An Allen wrench is provided with each 3-pack to allow tightening of the set screws on the bus bar connector.
- Fool-proof design minimizes the possibility of human error.
- Designed to meet Articles 300.5 (Underground Installations) and 110.14 (Electrical Connections) of the 2005 National Electrical Code®, under UL® 486D-Direct Burial.
- The plastic enclosure is resistant to the ultraviolet rays of the sun.
- A cable tie is provided with each connector kit to provide strain relief, so the connection doesn't come apart when the wires are pulled-upon.
- Child resistant re-entry tabs allow the taking apart of the splice without loss of wire. The connector should not be re-used after taking the splice apart.



3.0 MECHANICAL CHARACTERISTICS:

- Approximate dimensions: 2" wide x 1-3/4" deep x 3-1/8" high (5.1 x 4.4 x 7.9 mm)
- Application temperature is 32 to 120°F (0 to 49°C)
- Storage temperature: 120°F (49°C) maximum.

4.0 ELECTRICAL CHARACTERISTICS:

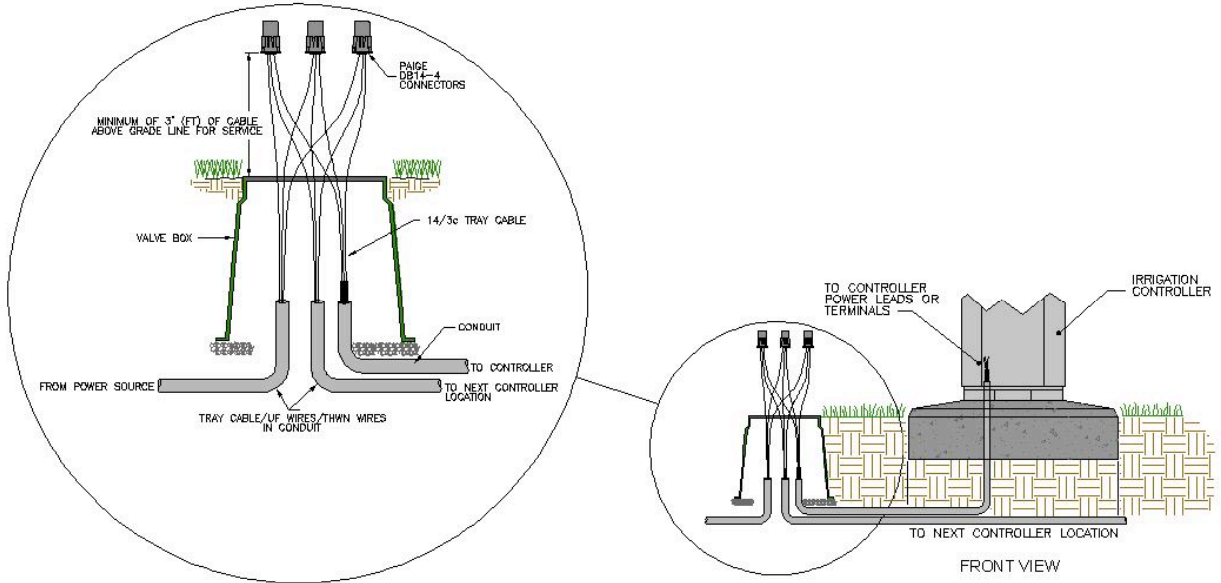
- 600 volts maximum
- Each hole of the bus bar connector will allow wire sizes ranging from 14 to 4 AWG copper wire, solid or stranded.

5.0 PACKAGING:

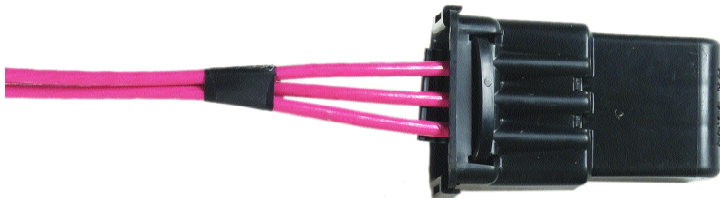
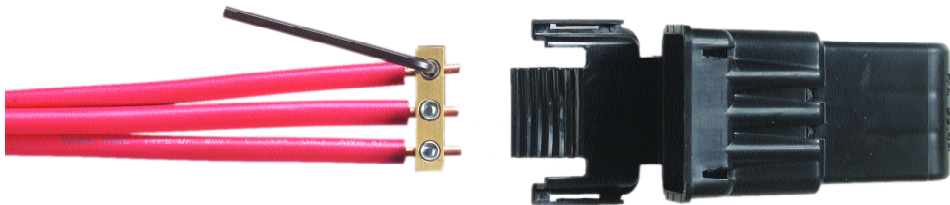
- Ten 3-Packs of connector assemblies per case
- Each 3-Pack (in a sealed plastic bag) includes the following components, for making 3 splices:
 - 3 each gel-filled enclosures
 - 3 each bus bar connectors
 - 3 each cable ties
 - 1 each Allen wrench
 - 1 each Instruction Sheet

6.0 TYPICAL SPECIFICATION:

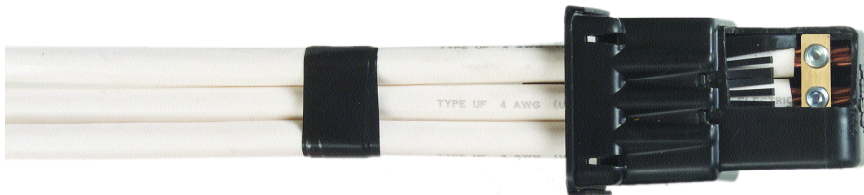
The power wires of the irrigation system, 120 or 240 volts, shall be spliced using a Paige Electric DB14-4 Direct Burial Connector. All splices shall be housed in a valve/junction box, for easy access, and its location shall be marked on the as-built drawings.



Your One-Stock direct burial power wire connector, from 14 to 4 AWG solid or stranded.



14 AWG Splice



4 AWG Splice (cut-away)