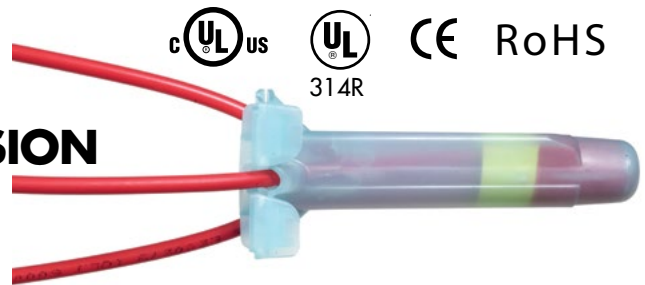




PAIGE ANTI-CORROSION LED POWER SOURCE SPLICE KIT



cUL^{us} UL[®] 314R CE RoHS

- Plus** will accommodate SIX 18 AWG stranded wires (power source +5)
- Plus** eliminates exposed copper exposure to oxygen and moisture
- Plus** locking lid provides strain relief for wires
- Plus** anti-corrosion jell operates from -40°C to 105°C

- Plus** anti-corrosion jell is water resistant and rain tight
- Plus** sunlight resistant
- Plus** rated at 600 Volts
- Plus** no special tools other than wire stripper needed for installation
- Plus** UL & c(UL) listed

1.0 SCOPE: 1.1

The Paige Anti-Corrosion LED Splice Kit is used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial. It includes the Paige R/Y+ Electrical Spring Connector and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant gel. It is ideal for splicing wires and cables. For residential, commercial, and other green industry applications.

3.0

FEATURES: *Rated for 600 Volts:*

- 3.1** One Connector for all DC circuits under 600 volts
- 3.2** ***Bulk or Kits-of-two connectors:*** Each waterproof connector includes the R/Y+ twist-on connector (wire nut*), and a gel-filled tube
- 3.3** ***Water Resistant & Rain Tight:*** The splice may be installed in transformer boxes, make-up boxes and channel letters in all indoor and outdoor applications.
- 3.4** ***Sunlight resistant:*** Connector can be used above or below ground level.
- 3.5** ***Strain relief:*** The gel-filled tube includes a lid that compresses the wire insulation when closed. This applies a pressure, known as "strain relief" that keeps the connection inside the tube when the wires are pulled-upon. The connector tube includes channels for three sets of wires.
- 3.6** ***Operating temperature:*** -40°F to 221°F (-40°C to 105°C)
- 3.7** ***Made in the USA:*** Unquestioned quality by a name you can trust!

2.0 PACKAGING DETAILS:

Description		100 (25 bags of 4) 4 gel-filled tubes and 4 twist-on connectors per bag.
Case Data	Weight	3.5 lbs 1,6 Kg
	Dimensions	13 x 7.6 x 6 inches 33 x 19 x 15 cm
Pallet Data	Quantities	133 cases 6,650 tubes (3,325 kits-of-2)
	Weights	485 lbs 221 Kg
	Dimensions	48 x 42 x 47.5 inches 122 x 107 x 121 cm
	Volume	55.4 ft ³ 1,57 m ³

3.8 The R/Y+ connector has an aggressive quick-bite:

It makes a fast and reliable mechanical connection over a wide temperature range. The R/Y+ connector locks in place when inserted into the gel-filled tube. It accepts a multitude of copper wire combinations, as listed in the Table below.

18 STRANDED	1	●	●	●	●																											
	2	●	●	●	●	●	●	●	●																							
	3	●	●	●	●	●	●	●	●	●	●	●	●																			
	4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●															
18 SOLID	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
16 STRANDED	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
16 SOLID	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
14 STRANDED	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
14 SOLID	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
12 STRANDED	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
12 SOLID	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
10 STRANDED	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
10 SOLID	1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	1	2	3	1	2	3	1	2	1	2							
	18 STRANDED				18 SOLID				16 STRANDED				16 SOLID				14 STRANDED			14 SOLID			12 STRANDED			12 SOLID			10 STRANDED		10 SOLID	

Example:
2 #10 solid
plus 1 #12 stranded

Metric Wire Combination			
Cross section capacity	2,0 mm ² through 16,0 mm ²		
Conductor combinations	Quantity	Size	Type
	5 - 7	0,5 mm ²	sol/str.
	3 - 7	0,75 mm ²	sol/str.
	2 - 8	1,0 mm ²	sol/str.
	2 - 7	1,5 mm ²	sol/str.
	2 - 5	2,5 mm ²	sol/str.
	2 - 4	4,0 mm ²	sol/str.
	2	6,0 mm ²	sol/str.
* Only AWG wire size combinations are UL LISTED or CSA Certified.			

