



Anti-Corrosion LED Power Source Splice Kit



Connecting you to more.

PART# 980106

1.0 APPLICATION

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.

2.0 CONSTRUCTION

2.1 RATED FOR 600 VOLTS

One connector for all DC circuits under 600 volts

2.2 BULK OR KITS-OF-TWO CONNECTORS

Each waterproof connector includes the R/Y+ twist-on connector (wire nut*), and a gel-filled tube

2.3 WATER RESISTANT & RAIN TIGHT

The splice may be installed in transformer boxes, makeup boxes and channel letters in all indoor and outdoor applications.

2.4 SUNLIGHT RESISTANT

Connector can be used above or below ground level.

2.5 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.

2.6 OPERATING TEMPERATURE -40°F to 221°F (-40°C to 105°C)

2.7 MADE IN THE USA

Unquestioned quality by a name you can trust.

2.8 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 on the reverse side.



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RoHS



314R

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2.8 THE R/Y+ CONNECTOR HAS AN AGGRESSIVE QUICK-BITE (CON'T)

Table

		METRIC WIRE COMBINATION																																			
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																				
	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																				
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	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

3.0 PACKAGING

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

* "Wire nut" is a registered trade mark of Ideal Industries, Inc.

What sets the Paige Power Source Splice Kit apart?

- Accommodates six (6) 18 AWG stranded wires (power source +5)
- Eliminates exposed copper exposure to oxygen and moisture
- Locking lid provides strain relief for wires
- Anti-corrosion gel operates from -40 degrees C to 105 degrees C
- Sunlight resistant
- Rated at 600 volts
- No special tools needed other than wires stipper for installation
- UL and c(UL) listed

