



General Information

Kit Part Number:	2110838-2
Description:	Assorted Insulated Nylon and Vinyl and Uninsulated Butt Splice Kit
Application:	Appliance Industries, Heavy Equipment, Instrumentation and Controls, Motors, Pad and Pole Mount Transformers, Panel Boxes, Power Supplies, Telecommunications, Transportation
Family:	PIDG, PLASTI-GRIP, SOLISTRAND
TE Brand:	AMP Products
Solution:	MRO (Maintenance, Repair and Operation)
Product Type:	Terminals & Splices
Number of Pieces:	120
RoHS:	Yes

Specifications

Body and Plating:	Tin Plated, Copper Body
Insulation:	Vinyl
Material:	Nylon, Non-Insulated
Stud/Tab Size:	1/4, 2, 4, 6, 8, 10
Temperature Rating:	90 Degrees C (Max), 105 Degrees C (Max), 170 Degrees C (Max)
Terminal Type:	Butt Splice
Tool Included:	No
Voltage Rating:	300 Volts AC (Max.), 600 Volts AC (Max.)
Wire Gauge (AWG):	12-10, 16-14 , 22-16, 26-22

Product Highlights

The Terminals and Splices products are available as rings, spades, flanged spaded, slotted rings, splices and several other varieties. SOLISTRAND terminals and splices are especially designed to terminate solid and stranded wire, irregular shaped conductors, and combinations of these, while still retaining the superior performance characteristics of single purpose terminals and splices. PIDG products are a pre-insulated terminal designed for complete and uniform reliability in the most difficult circuit environments and consist of tin plated copper or tin plated phosphor bronze body for spring spades with a copper sleeve and insulation sleeve fitted over terminal barrel. Pre-insulated PLASTI-GRIP solderless terminals and splices are designed specifically to answer the need for inexpensive, insulated electrical terminations. The quality performance, the facility of installation and the inherent simplicity make them ideal for many industrial applications.

Features and Benefits

- Brazed seam for uniform metal strength around the entire barrel area
- Brazed seam also prevents pinched wires
- "W" crimp provides excellent electrical performance and higher tensile strength
- Dimples or serrations inside the wire barrel provide optimum tensile strength and maximum electrical contact area after crimping
- Bell mouth on barrel entrance makes insertion of wires easier
- Product is rated for 170 degrees C maximum

Applications

- Pad and Pole Mount Transformers
- Power Supplies
- Motors



- Switchgear
- Telecommunications
- Appliances
- Panel Boxes
- Heavy Equipment
- Instruments / Control
- Transportation



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
321026	10	PLASTI-GRIP Butt Splice 26-22 AWG		Details	Search
34070	10	PLASTI-GRIP Butt Splice 22-16 AWG	Datasheet	Details	Search
34071	10	PLASTI-GRIP Butt Splice 16-14 AWG	Datasheet	Details	Search
34072	10	PLASTI-GRIP Butt Splice 12-10 AWG	Datasheet	Details	Search
323994	10	PIDG Butt Splice 26-22 AWG	Datasheet	Details	Search
320559	10	PIDG Butt Splice 22-16 AWG	Datasheet	Details	Search
320562	10	PIDG Butt Splice 16-14 AWG		Details	Search
320570	10	PIDG Butt Splice 12-10 AWG	Datasheet	Details	Search
321198	10	SOLISTRAND Butt Splice 26-22 AWG	Datasheet	Details	Search
31818	10	SOLISTRAND Butt Splice 22-16 AWG	Datasheet	Details	Search
31819	10	SOLISTRAND Butt Splice 16-14 AWG	Datasheet	Details	Search
32151	10	SOLISTRAND Butt Splice 12-10 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No
3-1579000-0	No
3-1579016-1	No
58546-1	No
69363	No







Terminals and Splices Category



Authorized
Distributor

Kit Part No. 2110838-2

AMP PIDG, PLASTI-GRIP and SOLISTRAND Connector Kit

Assorted Pre-Insulated
and Uninsulated Butt Splices

- 26-22, 22-16, 16-14 and 12-10 AWG
- Operating Voltages: PIDG: 300 V (Max) and PLASTI-GRIP: 600 V (Max)
- Temperature Ratings: PIDG: 105°C (Max), PLASTI-GRIP: 90°C (Max) and SOLISTRAND: 170°C (Max)
- PIDG (Pre-Insulated Diamond Grip), Pre-Insulated PLASTI-GRIP
- Tin Plated Copper Body
- Nylon (PIDG), Vinyl (PLASTI-GRIP) and Uninsulated (SOLISTRAND)

Additional kits available at: www.productkits.com

AMP PIDG, PLASTI-GRIP and SOLISTRAND TE Connectivity, TE Connectivity (Japan) and TE (Japan) are trademarks of the TE Connectivity Ltd. family of companies.

WARNING: Failure to follow all instructions in Application Specification L14-0207, L14-0248, L14-0208 (available at www.te.com) documents), including using only approved TE tooling (if applicable), can result in improper installation and/or operation which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

120
pieces



0 10151 16902 1

Product from TE Connectivity,
AMP, designed and assembled by
Waldom Electronics.