



General Information

Kit Part Number:	6-2110838-3
Description:	Pre-Insulated Butt Splices Kit
Application:	HVAC Systems, Instrumentation and Controls, Lighting Applications, Motors, Panel Boxes, Power Supplies, Street Lighting, Switchgear, Transportation
Family:	PLASTI-GRIP
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
Stud/Tab Size:	No Stud
Temperature Rating:	90 Degrees C (Max)
Terminal Type:	Butt Splice
Tool Included:	No
Voltage Rating:	600 Volts AC (Max.)
Wire Gauge (AWG):	12-10, 16-14 , 22-16

Product Highlights

Pre-insulated PLASTI-GRIP solderless terminals and splices are designed specifically to answer the need for inexpensive, insulated electrical terminations. They can be used in almost every type of commercial application and accommodate wire sizes from 22 AWG through 2/0 AWG. Carefully engineered application tooling has been developed to ensure uniformly high quality terminations. Tool and terminal have been designed as a team to promote ease and speed of application and at the same time to provide precise crimping pressure for every wire size. The wire and the terminal barrel form a homogeneous mass of metal, providing a connection of maximum conductivity, tensile strength, and high resistance to corrosion. The quality performance, the facility of installation and the inherent simplicity make them ideal for many industrial applications. PLASTI-GRIP products are available as rings, spades, flanged spaded, slotted rings, splices and several other varieties. Wire ranges for the terminals and splices are 22 AWG through 2/0 and stud sizes from #2 through 3/8".

Features and Benefits

- Vinyl insulation sleeve provides good dielectric strength and supports the wire insulation so that no bare wire is exposed
- Most product rated to 90 degrees C, with an operating voltage of 600 V
- Insulation is 94V-0 rated
- Funneled wire entry on terminal prevents turned back wire strands and permits rapid wire insertion during high speed production
- Serrations in the crimp barrel provide maximum contact and tensile strength after crimping

Applications

- HVAC
- Instruments / Controls
- Lighting
- Switchgear
- Power Supplies
- Panel Boxes



- Transportation
- Motors



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
34067	10	Butt Splice, AWG 22-16 Wire Insulation Diameter .120/3.05		Details	Search
55792-1	10	Butt Splice, AWG 22-16 Wire Insulation Diameter .140/3.56		Details	Search
324138	10	Butt Splice, AWG 22-16 Wire Insulation Diameter .120/3.05		Details	Search
34070	10	PLASTI-GRIP Butt Splice 22-16 AWG	Datasheet	Details	Search
55785-1	10	Butt Splice, AWG 16-14 Wire Insulation Diameter .170/4.32		Details	Search
34071	10	PLASTI-GRIP Butt Splice 16-14 AWG	Datasheet	Details	Search
35244	10	Butt Splice, AWG 16-14 Wire Insulation Diameter .215/5.46		Details	Search
34204	10	Butt Splice, AWG 16-14 Wire Insulation Diameter .135 x .245		Details	Search
34069	10	Butt Splice, AWG 12-10 Wire Insulation Diameter .200/5.08		Details	Search
34072	10	PLASTI-GRIP Butt Splice 12-10 AWG	Datasheet	Details	Search
34945	10	Butt Splice, AWG 12-10 Wire Insulation Diameter .250/6.35		Details	Search
55793-1	10	Butt Splice, AWG 12-10 Wire Insulation Diameter .230/5.84		Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No





TE connectivity Authorized Distributor

Kit Part No. **6-2110838-3**

AMP PLASTI-GRIP Connector Kit

Pre-Insulated Butt Splices

- 22-16, 16-14 and 12-10 AWG
- 600 Volts AC (Max.)
- Temperature Rating: 90°C (Max)
- Vinyl Insulated Sleeve
- Tin Plated Copper Body

Additional kits available at: www.products.kits.com

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120
pieces



Product 1 hour/15 min assembly kit - supplied with 100% of the kit components by Waldom Electronics