



General Information

Kit Part Number:	6-2110838-2
Description:	Pre-Insulated Long and Short Spring Spade Tongue Terminals Kit
Application:	HVAC Systems, Instrumentation and Controls, Lighting Applications, Motors, Panel Boxes, Power Supplies, 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, Phosphor Bronze and Brass
Insulation:	Vinyl
Stud/Tab Size:	10
Temperature Rating:	90 Degrees C (Max)
Terminal Type:	Short Spring Spade Tongue, Long Spring Spade Tongue
Tool Included:	No
Voltage Rating:	600V
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
53248-1	20	Short Spring Spade AWG 12-10, Stud 10		Details	Search
52475	20	Long Spring Spade Tongue Terminals, AWG 12-10 Stud 10		Details	Search
52465	20	Long Spring Spade Tongue Terminals, AWG 16-14 Stud 10		Details	Search
52455	20	Long Spring Spade Tongue Terminals, AWG 22-16 Stud size 10		Details	Search
53245-1	20	Short Spring Spade AWG 16-14, Stud 10		Details	Search
53242-1	20	Short Spring Spade AWG 22-16, Stud 10		Details	Search

Recommended Tool

Part No.	Included in Kit
58433-3	No





Terminals and Splices Category



Kit Part No. **6-2110838-2**

AMP PLASTI-GRIP Connector Kit

Pre-Insulated Long and Short Spring Spade
Tongue Terminals

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

Additional kits available at: www.productkits.com

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Warning: Failure to follow all instructions in Application Specifications (14-2842) (available at www.te.com/resources), including using only approved TE tooling if applicable, can result in improper installation and/or improper wiring which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

120
pieces



Product from TE Connectivity. Kits designed and assembled by Waldom Electronics.