



General Information

Kit Part Number:	2-2110838-5
Description:	Deluxe Pre-Insulated Ring Tongue Terminals with Crimp Tool 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:	241
RoHS:	Yes

Specifications

Body and Plating:	Tin Plated, Copper Body
Insulation:	Vinyl
Stud/Tab Size:	1/4", 1/2", 2, 3/8", 4, 5/16", 6, 8, 10
Temperature Rating:	90 Degrees C (Max)
Terminal Type:	Ring Tongue
Tool Included:	Yes
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
34140	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 2		Details	Search
34141	10	Ring Tongue Terminal # 4 Stud 22-16 AWG		Details	Search
34144	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 6		Details	Search
34145	10	Ring Tongue Terminal # 8 Stud 22-16 AWG	Datasheet	Details	Search
34149	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 10		Details	Search
34150	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 1/4		Details	Search
34157	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 4		Details	Search
34158	10	Ring Tongue Terminal # 6 Stud 16-14 AWG	Datasheet	Details	Search
34160	10	Ring Tongue Terminal # 8 Stud 16-14 AWG	Datasheet	Details	Search
34161	10	Ring Tongue Terminal # 10 Stud 16-14 AWG	Datasheet	Details	Search
34162	10	Ring Tongue Terminal 1/4 Stud 16-14 AWG		Details	Search
34164	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 3/8		Details	Search
34835	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 4		Details	Search
34854	10	Ring Tongue Terminal # 10 Stud 12-10 AWG	Datasheet	Details	Search
34855	10	Ring Tongue Terminal 1/4 Stud 12-10 AWG	Datasheet	Details	Search
34852	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 6		Details	Search
34853	10	Ring Tongue Terminal # 8 Stud 12-10 AWG	Datasheet	Details	Search
34173	10	Ring Tongue Terminal 3/8 Stud 12-10 AWG		Details	Search
58433-3	1	Pro Crimper RBY Tool (Red, Blue, Yellow)	Datasheet	Details	Search
34151	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 5/16	Datasheet	Details	Search
34152	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 3/8	Datasheet	Details	Search
32951	10	PLASTI-GRIP Ring Terminals, AWG 22-16, Stud 8	Datasheet	Details	Search
34837	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 1/2	Datasheet	Details	Search
34856	10	PLASTI-GRIP Ring Terminals, AWG 12-10, Stud 5/16	Datasheet	Details	Search
34163	10	PLASTI-GRIP Ring Terminals, AWG 16-14, Stud 5/16	Datasheet	Details	Search

Recommended Tool

Part No.

Included in Kit




[58433-3](#)

Yes







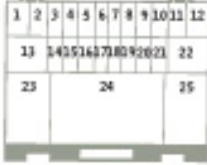
Terminals and Splices Category

Kit Part No. **2-2110838-5**

BILL OF MATERIALS

To re-order this kit, please visit www.products.tti.com/Kit/2-2110838-5

TE Part No.	Qty.	Bin Location	Description	TE Part No.	Qty.	Bin Location	Description
34137	30	1	PLASTI-GRIP Ring Terminal, AWG 16-24, Steel 4	34160	30	23	PLASTI-GRIP Ring Terminal, AWG 16-14, Steel 8
34140	30	2	PLASTI-GRIP Ring Terminal, AWG 22-35, Steel 2	34403-9	1	24	Grip Tool
34141	30	3	PLASTI-GRIP Ring Terminal, AWG 22-34, Steel 4	34553	30	25	PLASTI-GRIP Ring Terminal, AWG 16-14, Steel 5/16
34148	30	4	PLASTI-GRIP Ring Terminal, AWG 22-16, Steel 6				
34149	30	5	PLASTI-GRIP Ring Terminal, AWG 22-16, Steel 8				
34151	30	6	PLASTI-GRIP Ring Terminal, AWG 22-14, Steel 3/16				
34149	30	7	PLASTI-GRIP Ring Terminal, AWG 22-16, Steel 3/8				
34158	10	8	PLASTI-GRIP Ring Terminal, AWG 22-14, Steel 3/8				
34202	10	9	PLASTI-GRIP Ring Terminal, AWG 22-16, Steel 3/8				
32953	10	30	PLASTI-GRIP Ring Terminal, AWG 22-16, Steel 8				
34361	18	31	PLASTI-GRIP Ring Terminal, AWG 30-14, Steel 10				
34362	18	32	PLASTI-GRIP Ring Terminal, AWG 30-14, Steel 1/4				
34359	18	33	PLASTI-GRIP Ring Terminal, AWG 30-14, Steel 6				
34436	30	14	PLASTI-GRIP Ring Terminal, AWG 12-30, Steel 4				
34452	30	15	PLASTI-GRIP Ring Terminal, AWG 12-30, Steel 6				
34495	30	16	PLASTI-GRIP Ring Terminal, AWG 12-30, Steel 8				
34654	30	17	PLASTI-GRIP Ring Terminal, AWG 12-30, Steel 10				
34937	30	18	PLASTI-GRIP Ring Terminal, AWG 12-40, Steel 1/2				
34888	30	19	PLASTI-GRIP Ring Terminal, AWG 12-10, Steel 1/4				
34373	30	20	PLASTI-GRIP Ring Terminal, AWG 12-18, Steel 3/8				
34836	30	21	PLASTI-GRIP Ring Terminal, AWG 12-14, Steel 5/16				
34344	10	22	PLASTI-GRIP Ring Terminal, AWG 16-14, Steel 5/8				



Bin Diagram
This edge to hinge

Additional kits available at www.products.tti.com or contact a TE Connectivity authorized distributor

Availability 9/08/09 Enclosure 1/06/10 USA

