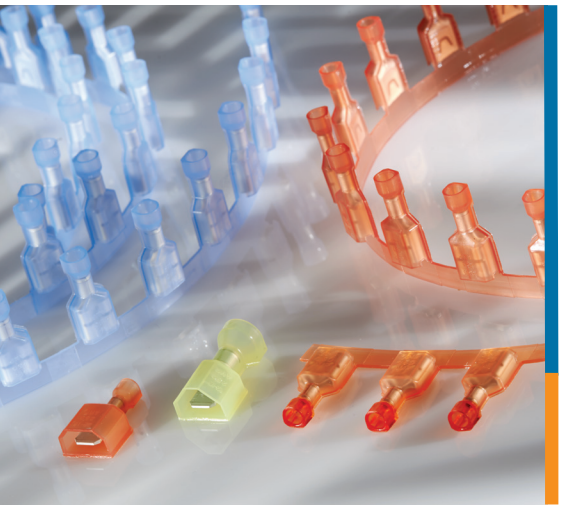


Ultra-Fast Fully Insulated FASTON Receptacles and Tabs

Fully Insulated Receptacles And Tabs

Ultra-Fast fully insulated FASTON receptacles and tabs offer the advantage of a completely protected terminal and a closed barrel wire crimp with comparable electromechanical performance to open barrel “F” crimp FASTON terminals. The user-friendly design combines easy mating with rounded corners. The .187 and .250 series receptacles incorporate a two-stage roll configuration and a cantilever mounted dimple which provides easy insertion and multiple independent points of contact for reduced tab interface resistance. Ultra-Fast fully insulated FASTON terminals, offered as straight receptacles, flag receptacles and tabs, preclude the need for costly electrical safety interlocks or special protective shields to help prevent shock hazards. In addition, electrical short circuits from exposed leads are eliminated, even in equipment requiring close contact spacing.

The Ultra-Fast FASTON receptacle housing completely encloses a tin plated copper alloy premier FASTON receptacle which has been stress-relieved for increased durability and resistance to abuse. The FASTON receptacle is recessed sufficiently within the housing to allow its use in 600 volt applications. The receptacle portion of the terminal is designed for positive mating with a variety of tabs, including those with shoulders. The housing has a slotted membrane which is displaced by two tab shoulders allowing proper engagement of tab and receptacle while maintaining the fully insulated characteristic.

Ultra-Fast Plus straight receptacles and tabs offer the advantages of the regular Ultra-Fast receptacles and tabs, plus they add an insulation crimp.

KEY FEATURES AND BENEFITS

- Receptacles designed for full mating with a variety of tab styles including those with shoulders
- Terminate 26-10 AWG solid, fused and stranded wire (Flags terminate stranded wire only)
- Each assembly’s translucent nylon housing is color-coded to identify wire size
- Tin plated copper alloy terminals
- Wire funnel entry assists in termination process

APPLICATIONS

- Large appliances
- Small appliances
- Automotive
- Lighting
- Industrial machinery

SPECIFICATIONS

- Product Specification 108-2043
- Application Specification 114-2123

STANDARDS & APPROVALS

- Meets UL310 specification for quick connect terminals
- UL Listed and Recognized for the U.S. and Canada, File No. E66717
- UL Rated at 105°C
- Ultra-Fast Plus terminals also comply with IEC 380, 601, 950, as well as UL 1950 requirement for a secondary means of insulation fixing

Ultra-Fast Fully Insulated FASTON Receptacles and Tabs

Quick Reference Guide

TECHNICAL DETAILS

- 110, 125, 187, 205, 250 Series available
- Mating tab thickness marked on terminal and visible through housing (.110, .187 and .205 Series)
- Assemblies contain wire size and tab size designation
- Color coded by wire size
- Tin plated copper alloy terminal
- 600V application capable (1000V in signs and lighting fixtures)
- Available for 26-10 AWG wire

TOOLING

- TE provides a complete selection of terminating equipment from hand tools to automatic lead makers

TE TECHNICAL SUPPORT CENTER

USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800

Latin/S. America +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666

France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

te.com

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