

T9A RELAY HOUSINGS WITH STANDARD FASTON TERMINALS

ERGONOMIC RELAY HOUSINGS WITH LOW INSERTION FORCE (LIF)

This T9A relay receptacle housing is designed with low mating forces, large push surfaces, and error-resistant connection features to support a simple, ergonomic assembly process. To achieve lower assembly forces, the housing accepts low insertion force (LIF) Standard FASTON receptacles and has a zero insertion force “drop-in” housing cavity. Receptacles are secured in place with integrated hinged lid terminal position assurance (TPA) devices that also serve as large push surfaces during assembly. Additional error-minimizing features include color coding, tactile mating confirmation, and options for left or right-hand flag receptacles.

ELECTRICAL

- Voltage Rating: 250V AC
- Max Constant Test Current: 20A (12AWG wire)

MECHANICAL

- Tab Size (in.): .187x.020, .250x.032
- Wire Size (AWG): 22-12
- Positions: 2-3
- Max Single Terminal Mating Force: 36N
- Orientation: Right-Hand Flag, Left-Hand Flag

MATERIALS

- Flammability Rating: UL 94 V-0
- Operating Temperature (°C): -40 to 150
- Contact Material: Tin Plated Brass

STANDARDS & SPECIFICATIONS

- Product Specifications:
 - Housing: [108-143127](#)
 - Terminal: [108-143087](#)
- Application Specification:
 - F-Crimp: [114-2079](#)
 - 2D Crimp: [114-143089](#)
- UL-1977
- UL-310
- EIA-364

KEY BENEFITS

- Accepts low insertion force (LIF) Standard FASTON terminals
- Zero insertion force “drop-in” housing cavity secured by hinged lid terminal position assurance (TPA) devices
- Large, smooth push surfaces allow ergonomic straight palm push assembly
- Lead-in mating features support angled mating without contact stubbing
- Color coded 2 and 3 position housing options
- Tactile mating confirmation helps prevent partial mating

APPLICATIONS



HVAC Equipment



Cooking Equipment



Washer & Dryer



Dishwasher

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T9A RELAY HOUSINGS

Tab Size (in.)	Terminal Orientation	Number of Positions	Housing Color	Part Number
.250 x .032	Right Flag	2	Black	5-2394569-2
.250 x .032	Right Flag	3	White	5-2394343-1
.250 x .032	Left Flag	2	Black	5-2425507-2
.250 x .032	Left Flag	3	White	5-2425506-1
.187 x .020	Right Flag, Left Flag	2	White	2430507-1

STANDARD FASTON TERMINALS

Tab Size (in.)	Terminal Orientation	Wire Size (AWG)	Crimp Type	Tooling Number	Part Number
.250 x .032	Right Flag	22-12	2D	2150829-2	2238171-3
.250 x .032	Right Flag	16-12	F	4150076-2	2375768-3
.250 x .032	Left Flag	22-12	2D	4150013-2	2238209-3
.250 x .032	Left Flag	16-12	F	4150075-2	2375767-3
.187 x .020	Right Flag	22-18	F	4150158-2	2432289-3
.187 x .020	Left Flag	22-18	F	4150157-2	2394773-3

FOR MORE INFORMATION

ASK OUR EXPERT ►

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