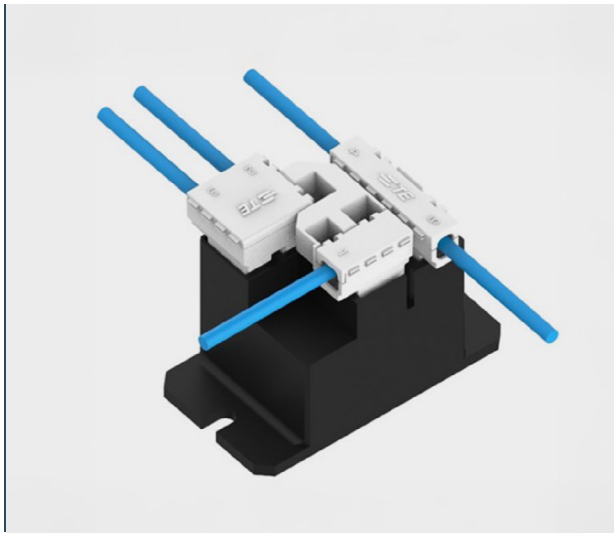
## INTRODUCING

# T9A RELAY HOUSINGS WITH STANDARD FASTON TERMINALS

- Low-insertion force (LIF) terminals
- Easy press and lead-in mating
- Designed for error-resistant assembly



The new T9A relay receptacle housings were developed to provide a more ergonomic assembly process for HVAC and appliance manufacturers using T9A relays to control electric heating elements. The housings are designed with low mating forces, large push surfaces, and error-minimizing connection features. To achieve lower assembly forces, the housings accept low insertion force (LIF) Standard FASTON receptacles and have a zero-insertion force "drop-in" housing cavity. To provide ergonomic and error-minimizing assembly, receptacles are secured in place with integrated terminal position assurance (TPA) devices and feature tactile mating confirmation to help prevent partial connections.

## TARGET MARKETS

- Appliances
- HVAC

## APPLICATIONS

- HVAC
- Cooking Equipment
- Washer & Dryer
- Dishwasher

## DESIGN-IN QUESTIONS

- Are you using T9A relays to control electric heating elements in your system?
- Would you benefit from a relay housing with ergonomic assembly features, including low mating forces and large push surfaces?
- Do you face assembly challenges due to partially or mis-mated connections?

## KEY BENEFITS

- **Lower mating forces** – The new housing features a zero insertion force "drop-in" cavity and accepts low insertion force (LIF) Standard FASTON terminals
- **Easy press and lead-in features** – Hinged lid terminal position assurance (TPA) devices provide large, smooth push surfaces that allow for easy straight palm push assembly, while lead-in mating features support angled mating without contact stubbing
- **Poka-yoke features** – Tactile mating confirmation helps ensure the terminal is fully engaged with the mated tab, TPA devices help prevent terminal backout, and color coded housings help prevent mis-mated connections

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