



INFINITE SWITCH HOUSINGS

Receptacle Housings For M-Style Infinite Switches

PRODUCT DESCRIPTION

TE Connectivity (TE) introduces three and four position housings for use with M-style infinite switches. Infinite switches are rotary switches commonly used to control resistive heating elements. They are used on electric cooking ranges, space heaters, hot plates and similar applications. The M-style switches from a leading controls manufacturer are broadly used. These switches provide as many as seven .250 tabs for connections. TE's new receptacle housings for M-style infinite switches are designed for Positive Lock Mark II receptacles, but also accept FASTON receptacles. Unlike some competitive housings, the new TE housings can accept one or up to 2 14 AWG wires.

KEY FEATURES

- Three and four position, nylon 6/6 housings for use with straight Positive Lock Mark II receptacles or straight FASTON receptacles
- Electrically insulate terminals
- Operating temperature ranges from -40 to 130°C
- Allow as many as four connections to be made at once, potentially speeding this step of assembly
- May help prevent mis-mating in the application
- Improve ergonomics for assembly workers
- Are UL recognized (file E28476) for the U.S. and Canada when used with designated receptacles

APPLICATIONS

- Electronic cooking ranges
- Space heaters
- Hot plates
- Other applications where resistive heating elements are controlled with M-style infinite switches

BASIC PRODUCT DETAILS FOR ACCEPTABLE HOUSINGS

- 250 series, straight, Positive Lock Mark II receptacle terminals on wire can be inserted into the housings
 - These low insertion force receptacles incorporate a feature that latches onto the tab with a tactile and audible click for high retention force and secure connections
 - These receptacles strongly resist disconnection when pulling force is exerted on the wire; however, pulling on the housing releases the receptacle latches and allows disconnection
- 250 series, straight, FASTON receptacle terminals on wire may also be inserted into the housings
 - Some customers may prefer to use the FASTON receptacles instead of the Positive Lock receptacles.

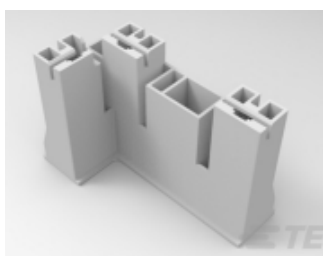
INFINITE SWITCH HOUSINGS

For M-Style Switches

RECEPTACLE HOUSINGS FOR M-STYLE INFINITE SWITCHES

Part Number	1969759-1	1969760-1	1969761-1
Color	Black	Natural	Natural
Position	3	3	4

Typically, a black three position housing is used along with one of the natural housings. The natural housing required varies based on the particular M-style infinite switch used in the application.



DESIGN-IN QUESTIONS

1. Are you using M-style infinite switches to control resistive heating elements in your design?
2. Would you like to apply receptacles to multiple terminals of those switches simultaneously to potentially speed up your assembly process and help reduce mis-mating errors?
3. Are you looking for a more ergonomic way to apply the receptacles to the tabs?
4. Would you like the flexibility to use either Positive Lock Mark II receptacles or FASTON receptacles when making these connections?
5. Do you need to accommodate up to two wires per receptacle in your application?

If the answers are “yes,” these new multi-position infinite switch housings with either Positive Lock Mark II receptacles or FASTON receptacles could represent a great solution for the application.

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

te.com

FASTON, Positive Lock, TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2016 TE Connectivity Ltd. family of companies All Rights Reserved.

1-1773903-2

11/16

Original



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.