

ML-7000

made in JAPAN

Precautions for use

General notes



- Pitch 9.2mm (When use at multi-posision)
- Compact design
- Stranded wire and Solid wire
- Button lock mechanism

2013-01-25

Notice of partial product changes. PDF

See other change notifications

E101073

J50073172

Order model number

- Order model number

ML-7000-[Button color]
- Order example

ML-7000-GY (Example of ordering with gray button color)

- Basic information
- Dimension
- Optional
- Download

[ML-7000series Video \(Play on YouTube\)](#)

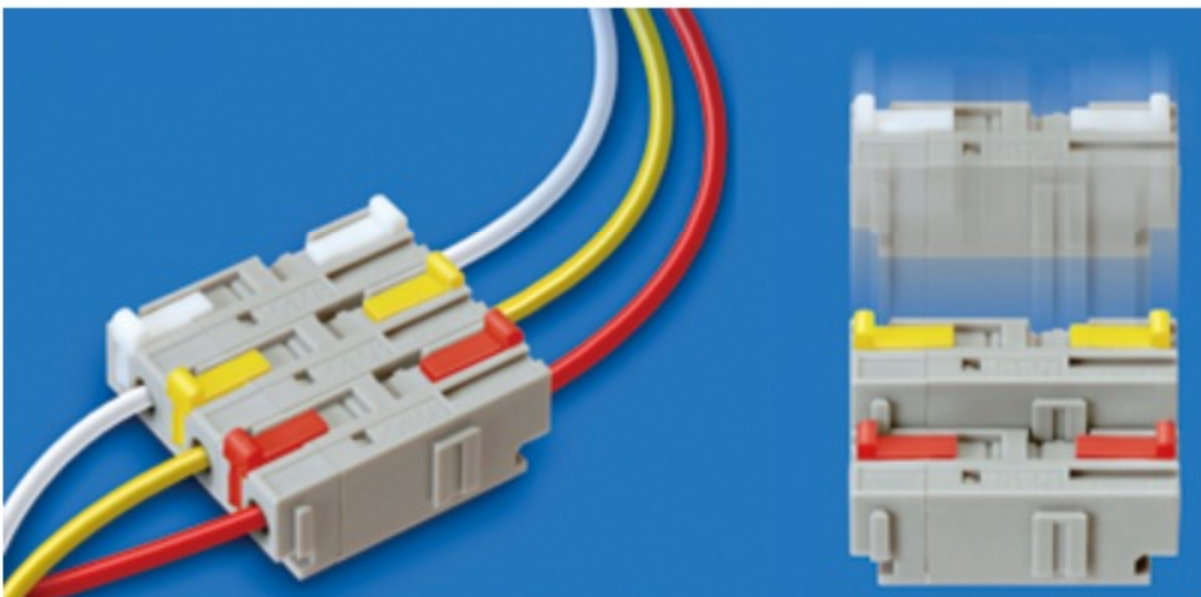
circuit diagram



It is a 2-wire connection per pole.

Example of increasing positions

You can increase the pole to your favorite position (P) by using the unevenness on the side.



Button colors



All are standard colors

Basic information

Rating	300V-10A
Insulation resistance	DC500V, 100MΩ Min
Withstand voltage	AC2000V (1minute)
Certificates & Approvals	UL (Approved for field wiring)・CSA (C-UL)・TÜV (Compliant with IEC60947-7-1)
Position	1 (Any number of pole joint side by side)
Main insulator	Nylon66 (UL94V-0)
Button insulator	PPE (UL94V-0)
Rating wire	Solid wire : Φ1.2mm (AWG16)、Stranded wire : 1.25mm ² (AWG16) Element wireΦ0.18mm Min
Wire range	Solid wire : Φ0.4mm～Φ1.6mm (AWG26～AWG14)、Stranded wire : 0.2mm ² ～2.0mm ² (AWG24～AWG14) Element wireΦ0.18mm Min * Please use Solid wire Φ1.2mm or Φ1.6mm when using under Japanese law PSE.
Wire strip length	10mm
Body color	GY (Gray)
Button color	GY (Gray)、B (Black)、W (White)、R (Red)、Y (Yellow)、G (Green)、BL (Blue)、BR (Brown)
Applicable tool for button	Screw driver or others
Note	1.Fluororesin is applied to the buttons to facilitate the operation of the buttons. It may appear that white foreign matter has adhered due to the concentration and retention of this fluororesin in the concave parts of the button operation part, but there is no problem with the quality.

List of partial product change notifications

2013-01-25	Notice of partial product changes. PDF
2009-05-11	Notice of partial product changes. PDF