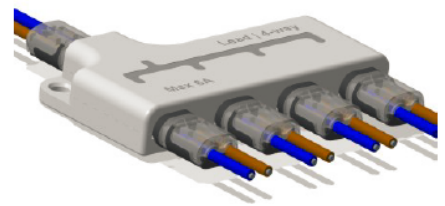
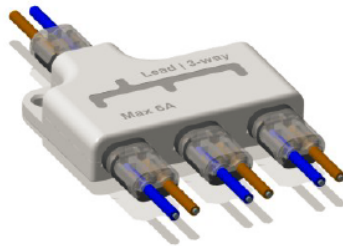
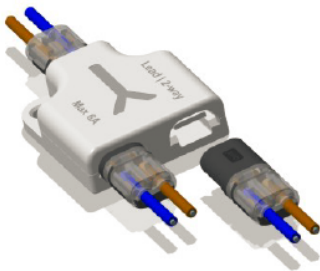


# Pluggable Wire Joint

A Non-stripped Wire Terminal Connector

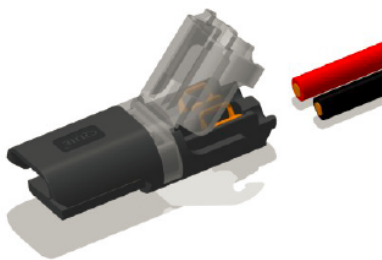


## Introduction :

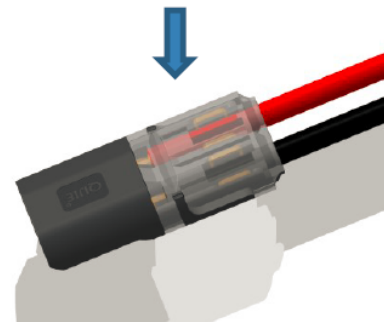
Pluggable Wire Joint, also called as non-stripped terminal connector, is a kind of connector allowing user to add a connector terminal to a wire without stripping, adopting insulation-piercing contact Technology. It bring on-production-line flexibility to manufacturer of electrical equipment because the connector length is no longer limited by up stream supplier. And project contractor will benefit from freedom of putting equipment anywhere as they want without considering the distance to power source, and the equipment will be easy to unplug from system.

Working with Power Distributor Box, you can build a simple power supplying system for your low voltage equipment and manage all connection in one place.

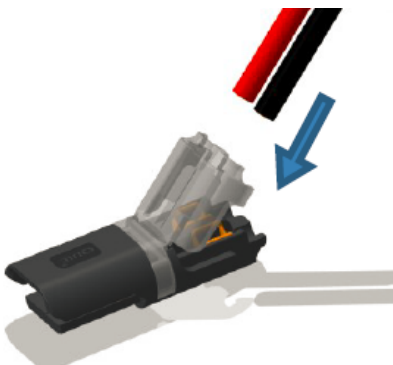
## How to use:



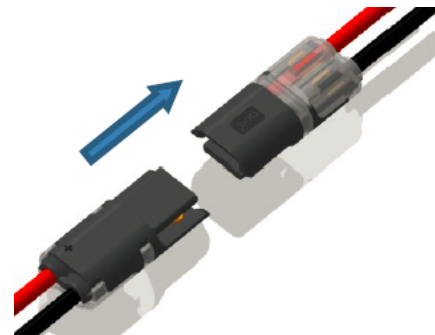
**Step 1 Align Polarity**



**Step 3 Clamp Cap down**



**Step 2 Insert wire**



**Step 4 Connect to each other.**

## 1.Features:

1. No need to strip the wire before connection.
2. No need twisting nor tapping the conductor of wire.
3. Easy to use & time saving.
4. Flame Retardant.
5. Dust-proof.
6. Pluggable like a DC connector.

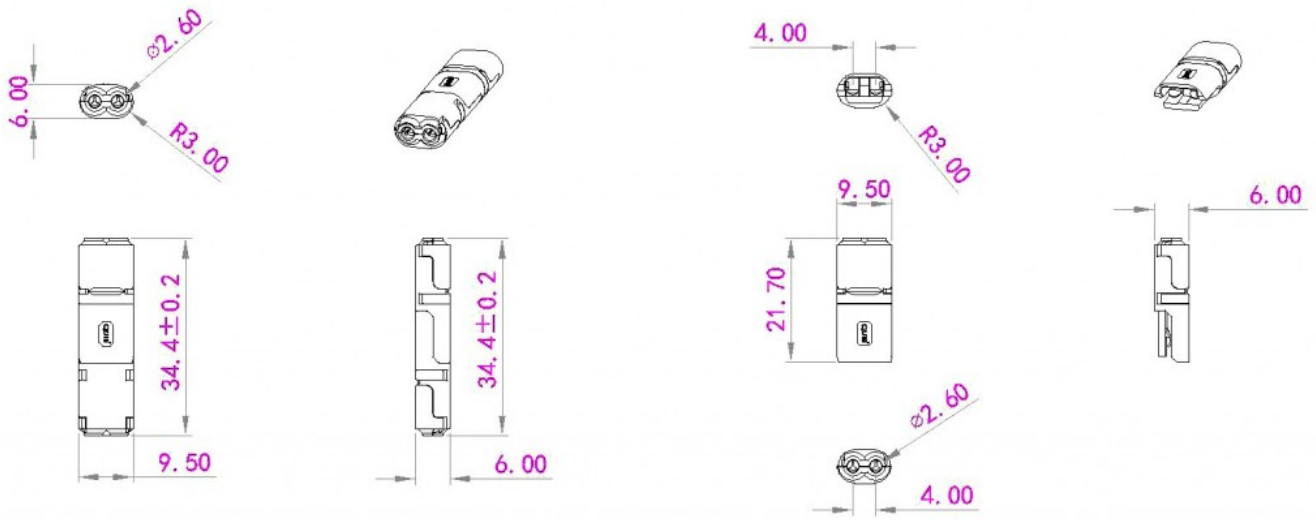
**Technical Data:**

Item NO.	OL11-PWJ-I-2
Production NO.	XC-JXD-D2
Color (Up/Bottom)	Transparency/Black
QTY of Wire Way	2
Polarity NO.	2
Ingress Protection	IP40
Dimension	22mmX9.5mmX6.0mm
Rated Standard	IEC/EN 60664-1
Over voltage Category EN I	III
Class of Pollution	2
Reusable times	≧3 times
Rated Voltage EN	≧36 V
Max Current (Contactor) EN	10A
Rated Current (Contactor) EN	≧9A
Workable Conductor Diameter	0,6 - 1,2 mm
Wire Type Supportable	Solid / Strand
Workable Wire Gauge	22-20 AWG
Workable Sectional Area	0.34mm <sup>2</sup> ~0.54mm <sup>2</sup>
MAX Workable OD of cable.	2.1 mm
Housing Material	Polycarbonate
Contact Metal	High-precision phosphor copper (Cu)
Normal Working TEMP.	-35~+80℃
Environment Temperature	-35~+60℃
Flame Retardant (UL 94)	V-0
Treatment of Metal	Surface Cleaning
Standard Packing	Bag.Box/100pcs

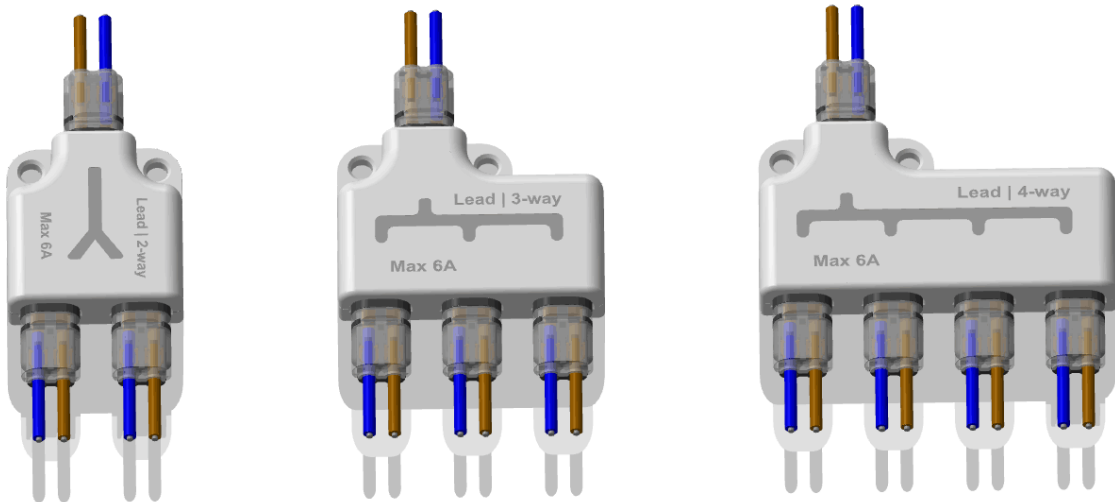
**Remark :**

1. Rated Current means the metal conductor inside connector can bear, the actual working current in an electrical system is related to wire connected. (gauge, conductor material,etc)
2. When reuse a connector , gauge of the wire to connect better NOT smaller than previous wire connected by this connector, otherwise it may lead to pool contact due to clamping metal widen.
3. Reusable times here means the times of close & open the cap of this connector.

**Dimensional Drawing (Unit: mm)**



**Power Distributor to work with pluggable wire joint**



Used to distribute power from main wire to branches. Max support 6A current per box in total.