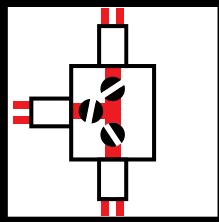
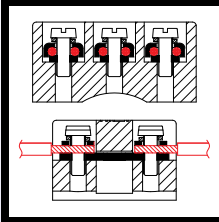
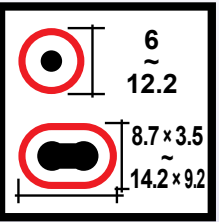

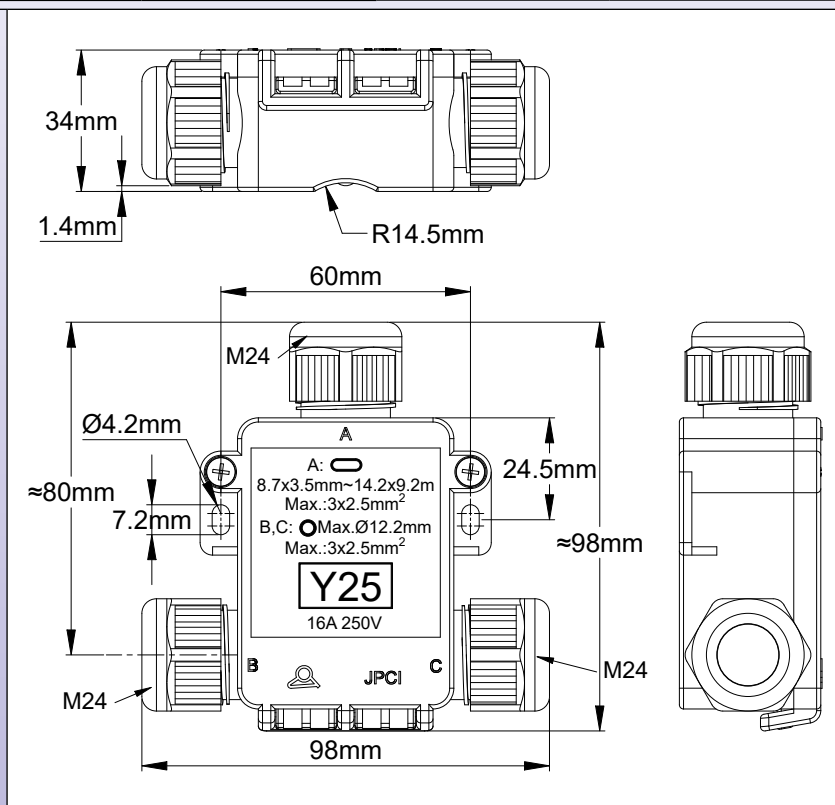


3 ways in T connection box for heat tracing cables, for traditional or self-regulating cables



3 ways in T	Screw and saddle terminals	Wire gauge	Cables diameters		Type
		1~2.5mm ²	 <p>6 ~ 12.2 8.7x3.5 ~ 14.2x9.2</p>		Y25



Applications

This box allows to connect, with a good ingress protection (IP66), end-to-end, on field, a round or flat heating cable to a round power cable, and providing at the same time the continuity of the power line. An example of this type of connection is the feeding of heated drinking troughs in stables or breeding premises. The internal connection terminal block is in ceramic.

Main features

Material: Polyamide 66 black, 98mm × 98mm × 34mm. Good UV resistance.

Waterproof grade: IP66.

Mounting:

- Wall mounting: by 2 side lugs for 4mm diameter screws, 60mm distance.
- Pipe mounting: By a nylon cable tie. The oblong holes of the lugs allow the passage and holding of a cable tie.

Terminal block:

- High temperature ceramic with screw and saddle terminals for 0.5mm² to 2.5mm² conductors
- Maximum permissible intensity: 16A 250V

Cable clamping: with M24 cable glands, with silicone gaskets

- Maximum diameter of round cables: 12.2mm on B and C output
- Size limits of flat cable on A output: from 8.7 × 3.5 to 14.2 × 9.2mm.

For more information about tightening possibilities on round and oblong cables, see the catalogue page on 6YTP cable glands.

For cables of larger dimensions or too rigid to be able to be fitted inside this model, see the connection boxes of the Y26 and Y27 series.

Easy assembly: It is possible to slide the ceramic terminal block out of the body to connect the cables outside of it.

3 ways in T connection box for heat tracing cables, for traditional or self-regulating cables

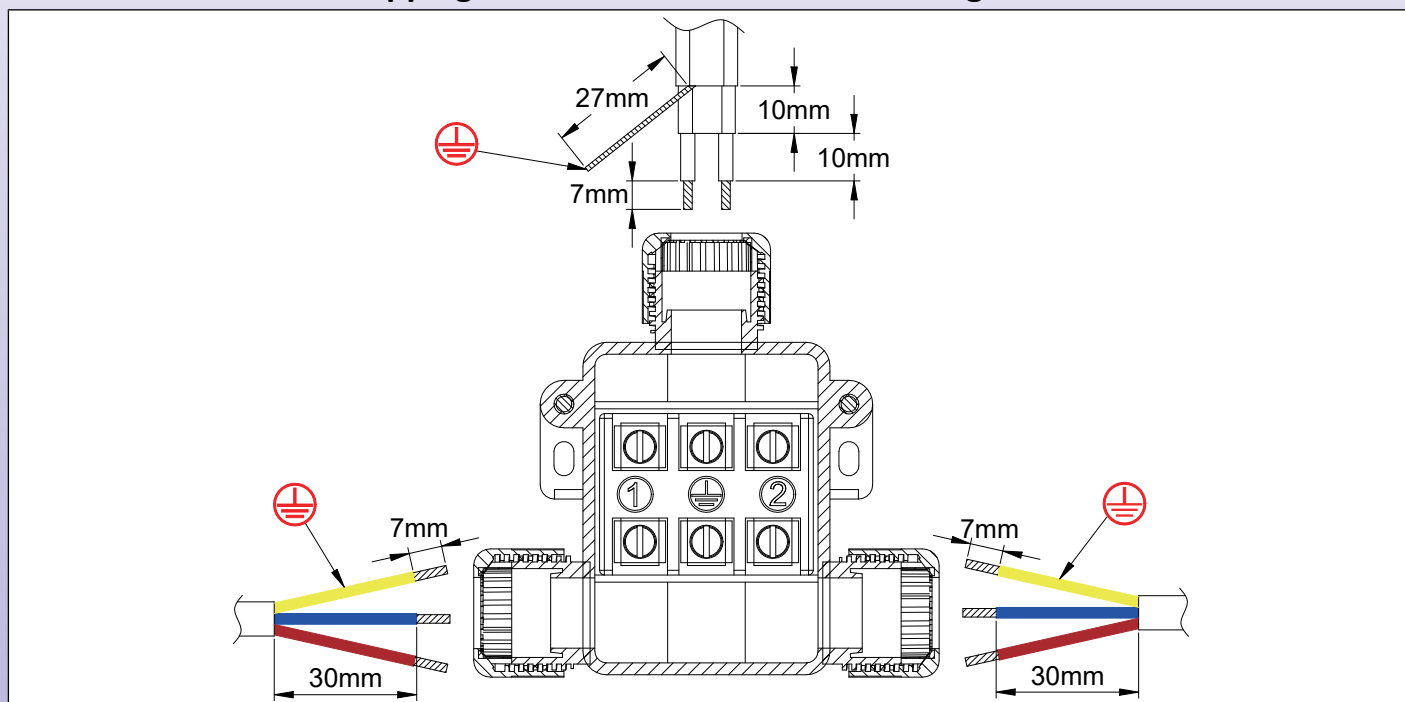


Main part numbers

Part numbers	Seals on side A*	Seals on side B*	Seals on side C*
Y250FPP	Silicone seal for oblong cable max. size 13 × 6mm	Silicone seal for round cable dia. 12.2mm max	Silicone seal for round cable dia. 12.2mm max.
Y250NKK	NBR seal for oblong cable max. size 13 × 6mm.	NBR seal for round cable dia. 12.2mm max.	NBR seal for round cable dia. 12.2mm max.
Y250SPP	Set of Silicone seal for oblong cables max. size 9.5x6; 11x3.5; 13x6 and 14.2x9.2mm.	Silicone seal for round cable dia. 12.2mm max.	Silicone seal for round cable dia. 12.2mm max.
Y250XKK	Set of NBR seals for oblong cables max. size 9.5x6; 11x3.5; 13x6 and 14.2x9.2mm.	NBR seal for round cable dia. 12.2mm max.	NBR seal for round cable dia. 12.2mm max.

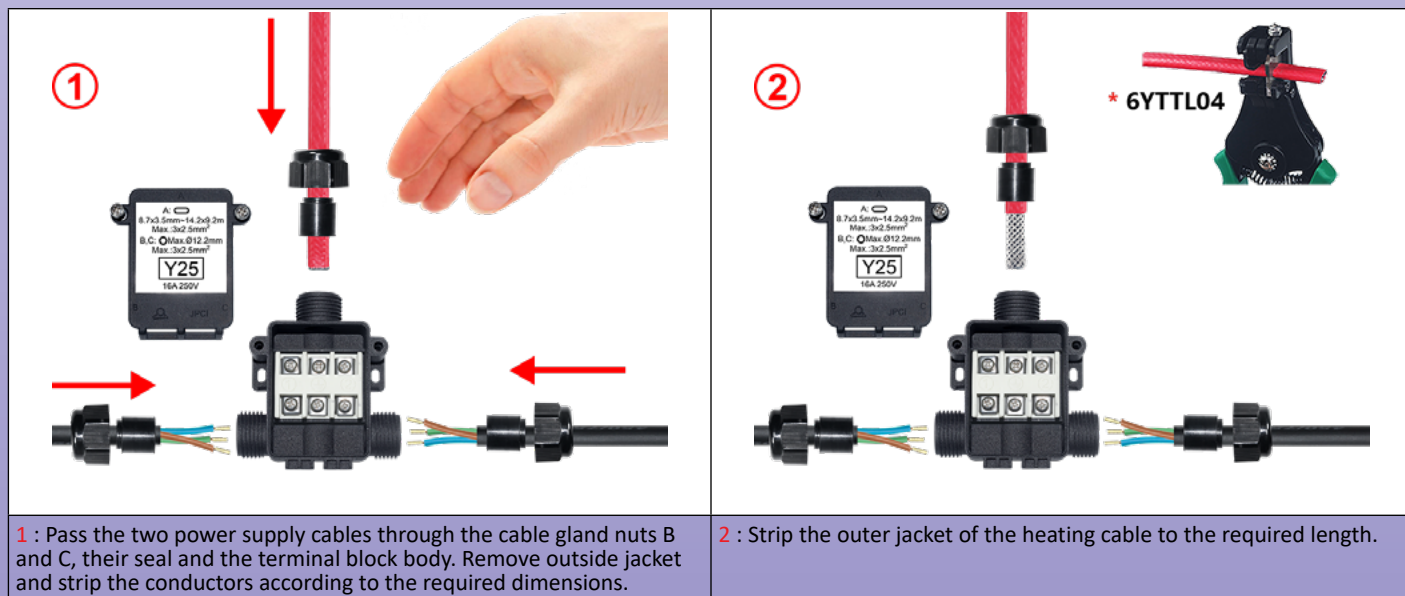
* Silicone seals recommended for ambient temperature higher than 80°C

Stripping dimensions of round and oblong cables



Cables assembly steps

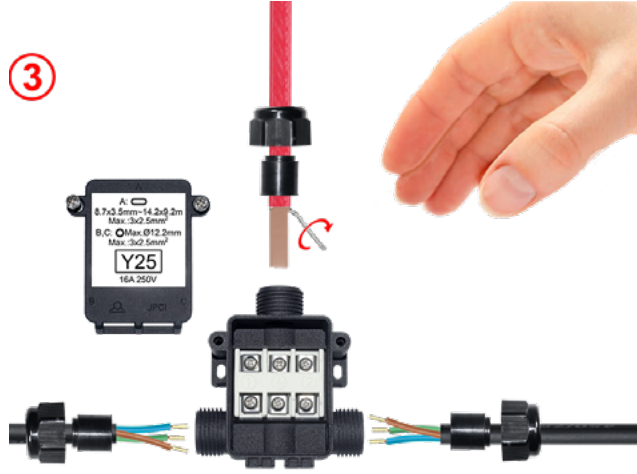
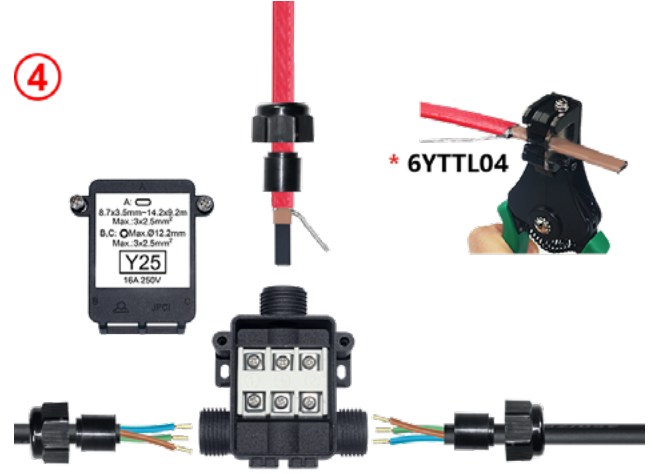
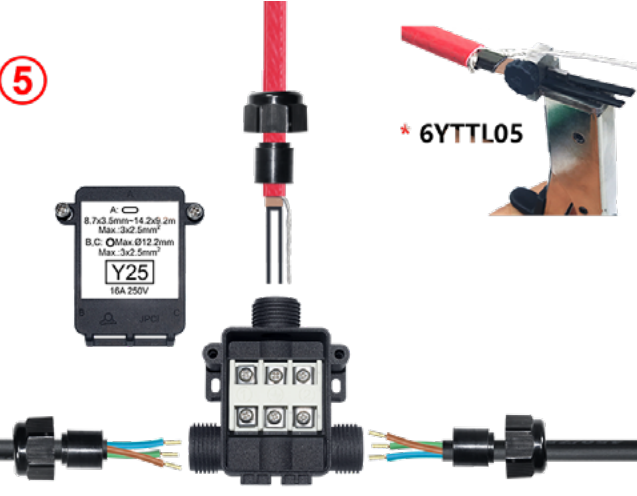
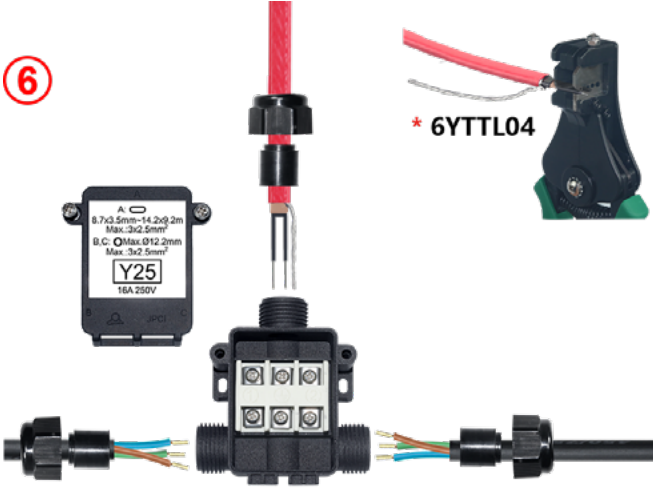
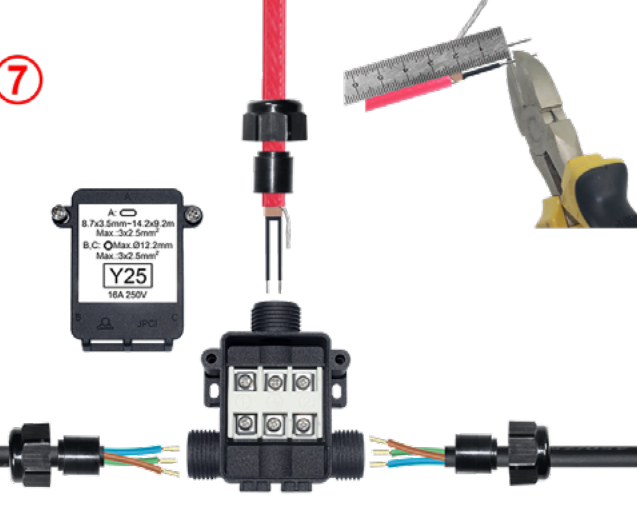
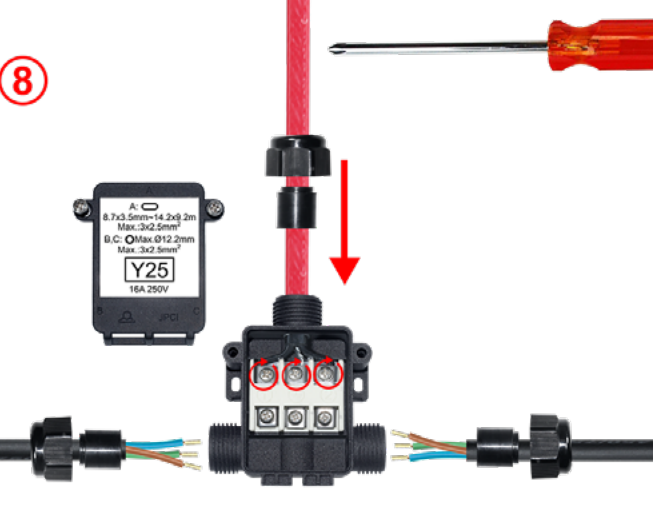
(More details on the different methods of preparing termination for various types of cables are available in the technical introduction).



* These exclusive tools are available in accessories section

3 ways in T connection box for heat tracing cables, for traditional or self-regulating cables

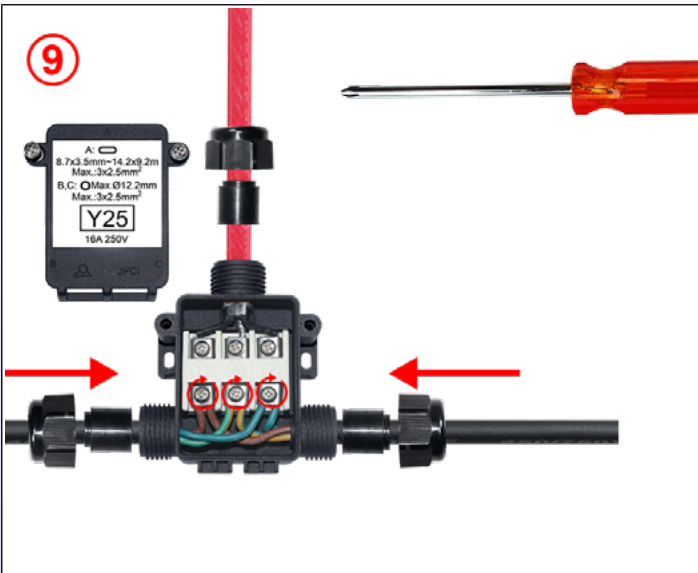


 <p>3</p>	 <p>4</p>
<p>3 : Twist the metal braid to make it a round conductor.</p>	<p>4 : Strip the insulating jacket around the heating part to the required length.</p>
 <p>5</p>	 <p>6</p>
<p>5 : Cut the heating part between the two bus wires of the heating cable to the required length.</p>	<p>6 : Strip the two bus wires over the required length.</p>
 <p>7</p>	 <p>8</p>
<p>7 : If necessary, cut the stripped bus wires to length.</p>	<p>8 : Insert the stripped part of the heating cable conductors into the terminals and tighten with a screwdriver. Recommended tightening torque 1.2Nm.</p>

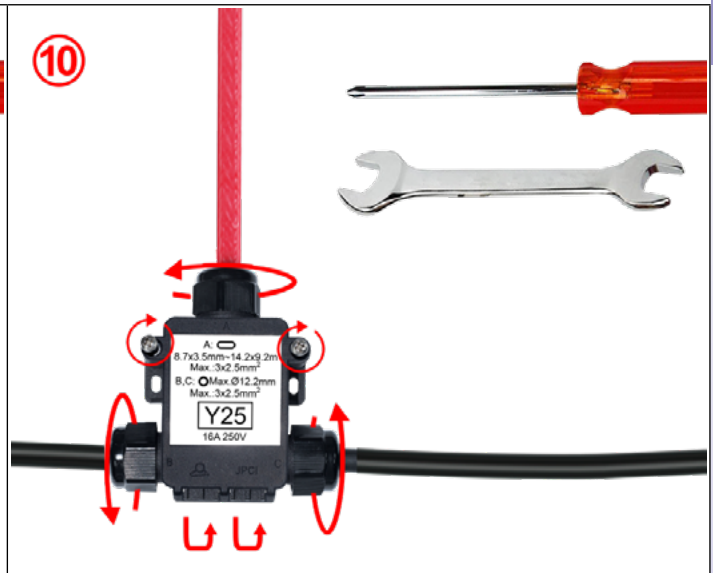
* These exclusive tools are available in accessories section

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

3 ways in T connection box for heat tracing cables, for traditional or self-regulating cables



9 : Insert the stripped part of the power supply conductors into the terminals and tighten with a screwdriver. 2 conductors inside each terminal, on each side of the saddle. Recommended tightening torque 1.2Nm.



10 : Screw the cable gland nuts on the body **without turning the cables**. Maximum tightening torque 3N.m.

