

- The PTBS-GET-160 series explosive-proof junction box is used to connect the power end with Protrace self regulating heating cable products LHTR, 15HTR and HTU*. This series of junction boxes is certified for use in designated hazardous areas.
The PTBS-GET-160 series uses a new type of supporting base, which can be securely fastened to pipes using stainless steel clamps and buckles.
- The sturdy and durable bracket also protects up to 3 heating cables from entering the junction box from the bottom of the bracket, and they are connected to the terminal block through a connection kit.
- The PTBS-GET-160 series explosive-proof junction box, when used with the supporting base, can be used for pipes with insulation thickness not exceeding 80mm.

Structure of junction box



Model: PTBS-GET-160 series

Description: Refer to the design document.

Composition: One junction box with wiring terminals and one supporting base

Approvals mark:   

Dimensions: Body size 160*160*90 (in mm), excluding the supporting base

Compatible heating cables: LHTR, 15HTR, HTU*

Protection grade: IP66

Power inlet hole: 1-M25x1.5 gland (some models may nothave a power inlet hole)

Scope of environment temperature: -60°C~ +60°C

Minimum installation temperature: -60°C

Maximum pipe temperature: Refer to the specification

description of trace heating lines.

Maximum wire size: Refer to the design document

Rated voltage: 110~277Vac , 380Vac/660Vac 50Hz

Maximum sustained current: Refer to the design document

Case, cover and support: polyester material

Cap screw: stainless steel

Product specifications: Refer to the table below

| Product Model | Product Name | Product Description | Application |
|----------------|--|--|-------------|
| PTBS-GET-160SP | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S3 support 1-M25×1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 1-M25×1.5 explosive-proof blind plug (made of Pa66 material) 4-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals | HTU* |
| PTBS-GET-160SS | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom 1-PTBS-GET-S3 support 2-UK6N or equivalent specification terminal blocks 1-USLKG6 or equivalent specification grounding terminals | HTU* |
| PTBS-GET-160ST | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom 1-PTBS-GET-S3 support 4-UK6N or equivalent specification terminal blocks 1-USLKG6 or equivalent specification grounding terminals | HTU* |
| PTBS-GET-160P | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom and a 1-M25x1.5 hole on each side 1-PTBS-GET-S4 support 1-M25×1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 1-M25x1.5 explosive-proof blind plug (made of Pa66 material) 4-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals | LHTR, 15HTR |
| PTBS-GET-160S | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom 1-PTBS-GET-S4 support 2-UK6N or equivalent specification terminal blocks 1-USLKG6 or equivalent specification grounding terminals | LHTR, 15HTR |
| PTBS-GET-160T | PTBS explosive-proof junction box | Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBS junction box with 160 specifications, with a M40x1.5 hole at the bottom 1-PTBS-GET-S4 support 4-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals | LHTR, 15HTR |
| PTBS-GET-S3 | PTBS explosive-proof junction box base | New integrated base (small hole) | |
| PTBS-GET-S4 | PTBS explosive-proof junction box base | New integrated base (large hole) | |

The entire PTBS-GET-160 series explosive-proof junction box does not include connection accessories and tail sealing kits. If needed, please order them separately, as they depend on the specific trace heating cable model used. Before ordering, please consult local Protrace technicians for confirmation.

For specific technical parameters, materials, and other information, please consult local Protrace technicians.