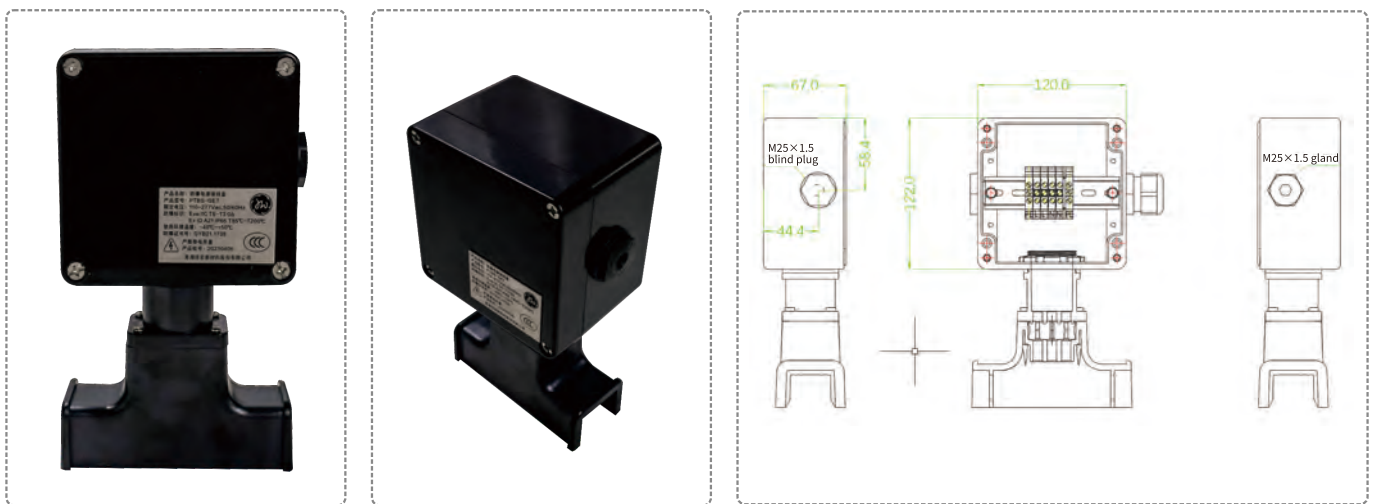


- The PTBS-GET-120 series explosive-proof junction box is used to connect the power end with Protrace self-regulating trace heating cable products HTLe, HTR, HTP, and HTS. This series of junction boxes is certified for use in designated hazardous areas.
- The PTBS-GET-120 series explosive-proof junction box is equipped with a supporting base, which can be securely fastened to the pipes using stainless steel clamps and buckles. The sturdy and durable bracket can protect 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-120 series explosive-proof junction box, when used with the S1 type base, can be used for pipes with insulation thickness not exceeding 80mm. When used with the S2 type base, it can be used for pipes with insulation thickness not exceeding 100mm.

Structure of junction box



Model: PTBS-GET-120 series

Description: Refer to the design document.

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

Approvals mark:   

Dimensions: Body size 122*120*90 (in mm), excluding the supporting base

Compatible heating cables: HTLe, HTR, HTP, HTS, FCW

Protection grade: IP66

Power inlet hole: 1-M25x1.5 gland

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-120 (4mm ²)	PTBS explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBS junction box with 120 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S1 support 1-M25x1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 1-M25x1.5 explosive-proof blind plug (made of PA66 material) 4-UK5N or equivalent specification terminal blocks 2-USLKG5 or equivalent specification grounding terminals	HTLe, HTR, HTP HTS, FCW
PTBS-GET-120 (6mm ²)	PTBS explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBS junction box with 120 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S1 support 1-M25x1.5 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	HTLe, HTR, HTP HTS, FCW
PTBS-GET-2	PTBS explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBS junction box with 120 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S1 support 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 1-connection kit (including cable boots * 2 + yellow-green heat shrink tubes * 2)	HTLe, HTR, HTP HTS, FCW
PTBS-GET-120H (4mm ²)	PTBS explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBS junction box with 120 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S2 support 1-M25x1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 1-M25x1.5 explosive-proof blind plug (made of PA66 material) 4-UK5N or equivalent specification terminal blocks 2-USLKG5 or equivalent specification grounding terminals	HTLe, HTR, HTP HTS, FCW
PTBS-GET-120H (6mm ²)	PTBS explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBS junction box with 120 specifications, with a M40x1.5 hole at the bottom and a M25x1.5 hole on each side 1-PTBS-GET-S2 support 1-M25x1.5 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	HTLe, HTR, HTP HTS, FCW
PTBS-GET-S1	PTBS explosive-proof junction box base	Standard base model	
PTBS-GET-S2	PTBS explosive-proof junction box base	Extended-height base model	

The entire PTBS-GET-120 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.