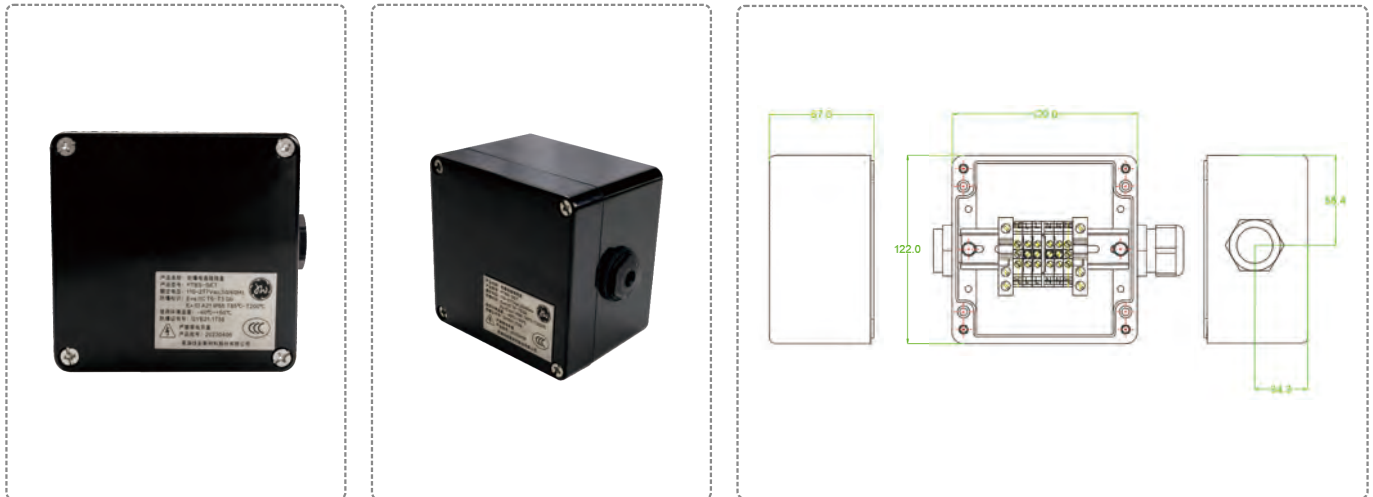


- The PTBM-GET-120 series explosive-proof junction box is used for connecting the power end with Protrace heating cable products such as HTLe, HTR, HTP, HTS, ESF, FCW, and MSF. This series of junction boxes is certified for use in designated hazardous areas.
- The PTBM-GET-120 series explosive-proof junction box is installed using a backplate, which can be securely fastened to the pipe or other fixed locations using stainless steel clamps and buckles.

Structure of junction box



Model: PTBM-GET-120 series

Description: Refer to the design document.

Composition: One junction box with wiring terminals

Approvals mark:  

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

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

Protection grade: IP66

Power inlet hole: See the design document.

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
PTBM-GET-120A	PTBM explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBM junction box with 120 specifications, with a M25x1.5 hole at the bottom and 2-M25x1.5 hole on each side 1-M25x1.5 explosive-proof gland for incoming power (made of PA66 material) 1-M25x1.5 explosive-proof blind plug (made of PA66 material) 4-M25x1.5 explosive-proof glands for outgoing cables (flat opening, made of PA66 material) 2-UK6N or equivalent specification terminal blocks	HTR, HTP, HTS HTLe, FCW
PTBM-GET-120B	PTBM explosive-proof junction box	Aluminum alloy housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBM junction box with 120 specifications, with 2-M25x1.5 hole at the bottom and a M25x1.5 hole on the right side 1-M25x1.5 explosive-proof gland for incoming power (round opening, made of 304 stainless steel) 2-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	MSF-1
PTBM-GET-120C	PTBM explosive-proof junction box	Aluminum alloy housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBM junction box with 120 specifications, with 2-M25x1.5 hole at the bottom and a M25x1.5 hole on the right side 1-M25x1.5 explosive-proof gland for incoming power (round opening, made of 304 stainless steel) 2-UK6N or equivalent specification terminal blocks 1-USLKG6 or equivalent specification grounding terminals	MSF-2
PTBM-GET-120D	PTBM explosive-proof junction box	Polyester housing: 120mm (width) x 122mm (height) x 90mm (depth) 1-PTBM junction box with 120 specifications, with 3-M20x1.5 hole at the bottom and a M25x1.5 hole on the right side 1-M25x1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 2-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 2-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	1ESF, 2ESF
PET-JBM120A	Installation backplate (galvanized iron)	Material: Galvanized iron	
PET-JBM120B	Installation backplate (304 stainless steel)	Material: 304 stainless steel	

The entire PTBM-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.