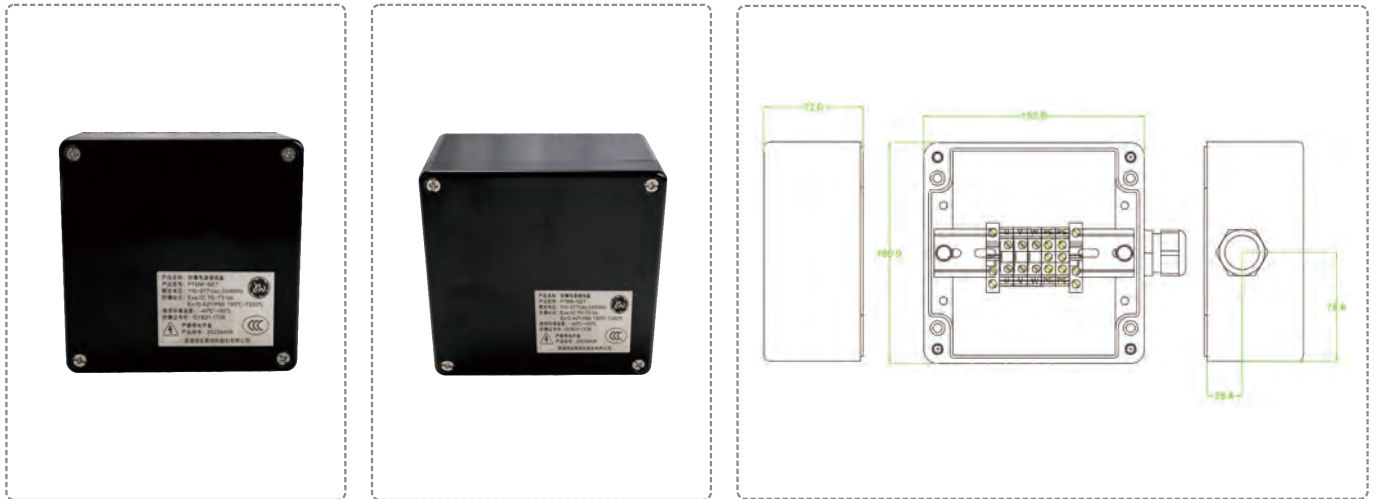


- The PTBM-GET-160 series explosive-proof junction box is used for connecting the power end with Protrace heating cable products. This series of junction boxes is certified for use in designated hazardous areas.
- The PTBM-GET-160 series explosive-proof junction box is installed using a backplate, which can be securely fastened to the pipe or other fixed locations using stainless steel clamps and buckles.

## Structure of junction box



Model: PTBM-GET-160 series

Description: Refer to the design document.

Composition: One junction box with wiring terminals

Approvals mark:  

Compatible heating cables: ESF

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-160A	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 3-M20x1.5 hole at the bottom and a M25x1.5 hole on the right side 1-M25×1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 3-M25x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160B	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 3-M20x1.5 hole at the bottom 3-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160C	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 6-M20x1.5 hole at the bottom 6-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160D	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 3-M20x1.5 hole at the bottom and a M32x1.5 hole on the right side 1-M32x1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 3-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK10N or equivalent specification terminal blocks 2-USLKG10 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160E	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 3-M20x1.5 hole at the bottom 3-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK10N or equivalent specification terminal blocks 2-USLKG10 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160F	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 6-M20x1.5 hole at the bottom 6-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 3-UK10N or equivalent specification terminal blocks 2-USLKG10 or equivalent specification grounding terminals	1ESF、3ESF
PTBM-GET-160G	PTBM explosive-proof junction box	Polyester housing: 160mm (width) x 160mm (height) x 90mm (depth) 1-PTBM junction box with 160 specifications, with 3-M25x1.5 hole at the bottom and a M32x1.5 hole on the right side 1-M32×1.5 explosive-proof gland for incoming power (round opening, made of PA66 material) 3-M20x1.5 explosive-proof gland for outgoing cables (round opening, made of PA66 material) 6-UK6N or equivalent specification terminal blocks 2-USLKG6 or equivalent specification grounding terminals	Power cable
PET-JBM160A	Installation of back board (galvanized iron)	Material: Galvanized iron	
PET-JBM160B	Installation of back board (304 stainless steel)	Material: 304 stainless steel	

The entire PTBM-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.