

GB200

Splice or Tee Connection, End termination



Product Description

GB200 series is an above insulation connection kit for use with Gaumer GHT-CR, GHT-CT, GHU-CT and GHK-CT self-regulating heating cables. This kit can be used to splice or tee up to three heating cables, and end terminations up to two heating cables.

The GB series utilizes pipe stand for on-pipe installation to allow heating cables to directly enter the enclosure without the use of insulation while protecting the cables from exposure. For heating cable terminations, GB series use core sealer and RTV adhesive without the need for heatgun for installation. Spring-type terminals provide safe and reliable connections with capacity up to 8AWG conductor sizes for fine-stranded conductors.

GB200 junction box has the same dimensions as that of GB100M, but does not have any through holes. GB200 is dedicated for splice or tee connections as well as end terminations.

Ordering Information

GB200

- GB = Connection kit series
200 = Application;
100 = Power connection and more
200 = Tee or Splice connection, End termination
300 = End seal, In-line splice connection



Specifications

	GB200
Application	Splice or Tee Connection, End Termination
Heating cable capability (No. of heating cable entry)	GHT-CR, GHT-CT, GHU-CT, GHK-CT (Up to three heating cables)
Supply voltage	100 ~ 277V
Ingress protection	NEMA Type 4X, IP66
Ambient temperature range	-40°F ~ 131°F (-40°C ~ 55°C)
Minimum installation temperature	-40°F (-40°C)
Through hole for conduit	N/A
Maximum conductor sizes	8AWG (10mm ²), 6AWG (16mm ²) optional
Maximum circuit breaker size	50A (40A for ATEX and IECEx)

Gaumer Process

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FM24US0113X, FM24CA0042X

Hazardous (classified) locations

Indoors and outdoors

Class I, Division 2, Groups A, B, C and D T*

Class II/III, Division 2, Groups E, F and G T*

Class I, Zone 1, AEx/Ex eb IIC T* Gb;

Zone 21, AEx/Ex tb IIIC T* °C Db;

Ta = -40°C to +55°C

NEMA Type 4X, IP66



FM24ATEX0018X

Ex II 2 G Ex eb IIC T* Gb;

Ex II 2 D Ex tb IIIC T* °C Db;

Ta = -40°C to +55°C

IP66



IECEx FMG 24.0017X

Ex eb IIC T* Gb;

Ex tb IIIC T* °C Db

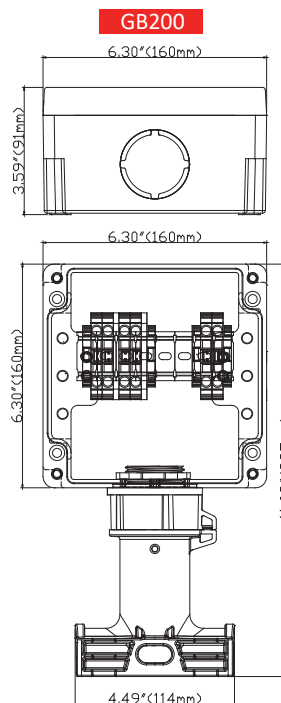
Ta = -40°C to +55°C

IP66

T* = For T-rating, please refer to cable documentation.

TOP

FRONT



Material information

Contents	1 GB200 series junction box assembly with terminal blocks 1 Pipe stand and O-ring 1 Compression cap, square-ring, locknut 3 Grommets(S, M, L) for different cable sizes 3 Core sealers 3 Insulation tubes 1 RTV sealant 1 Wrench 1 Cable tie
Enclosure material	Glass reinforced polymer junction box Glass reinforced polymer lid with stainless steel screws Glass reinforced polymer box stand
Installation accessories (Sold separately)	Conduit and fittings Pipe Straps Fiberglass tape Aluminum tape
Tools required	Wire cutters, Utility knife, Marking pen Large slotted screwdriver 3/16"(or 5mm) hex key Adjustable pliers, Needle nose pliers

[NOTE] Refer to the GB Kit Installation Instructions for full and current material details.

Technical information subject to change without notification.

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