

Heat-tracing power distribution panel for group control

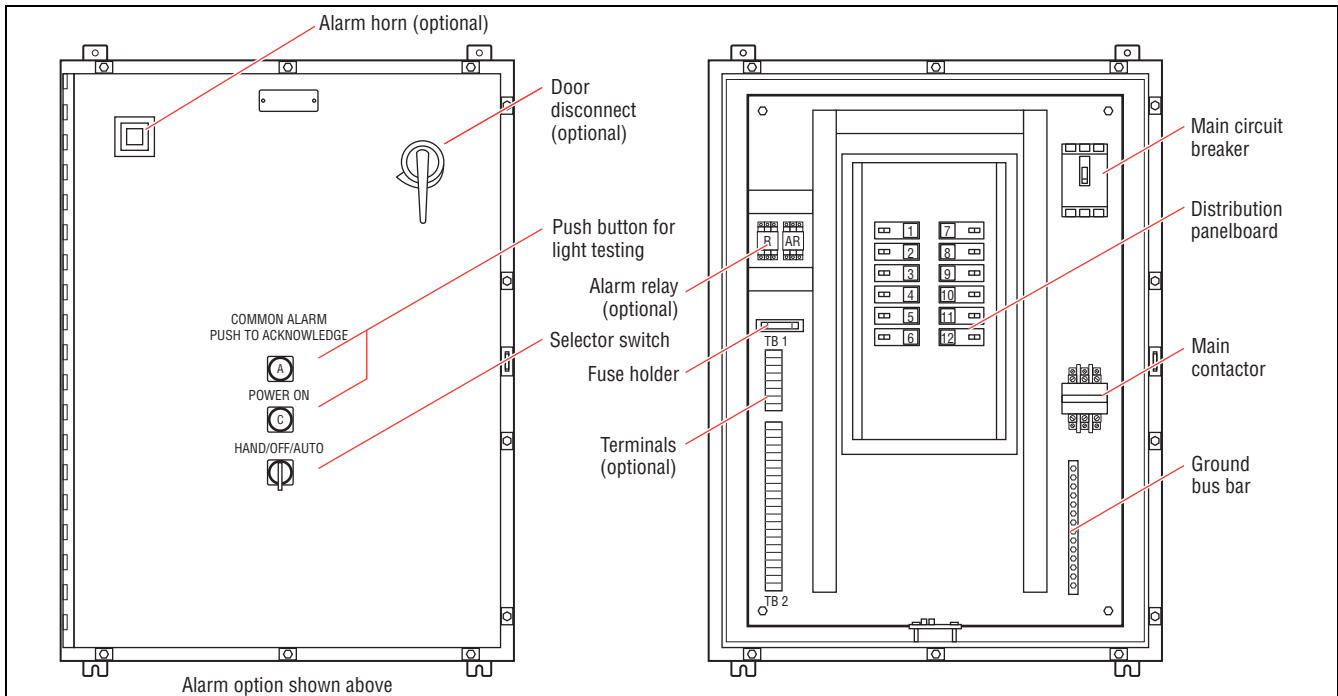
Ground-fault protection, monitoring, and optional alarm panel

The DigiTrace HTPG is a dedicated power distribution, control, ground-fault protection, monitoring, and alarm panel for freeze protection and broad temperature maintenance heat-tracing applications. This wall-

mounted enclosure contains an assembled circuit-breaker panelboard.

Panels are equipped with circuit breakers with or without alarm contacts.

The group control package allows the system to operate automatically in conjunction with an external controller/thermostat.



Load Power	120/208/240/277 Vac
Ambient Operating Temperature	32°F (0°C) to 122°F (50°C) (without space heater option)
Field Wire Size	14–8 AWG (15–30 A), 8–4 AWG (40–50 A)
Circuit Breaker Types	To comply with NEC Article 427-55(a), circuit breakers are equipped with the means for lockout in the “Off” position.
Ground-fault breaker	Square D types QOB-EPD, EDB-EPD
Circuit Breaker Amperage Rating	
120 Vac	20 A, 30 A, 40 A, 50 A
208/240/277 Vac	20 A, 30 A, 40 A, 50 A
Main Contactor	3 pole

Approvals



Ground-Fault Protection

To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of Tyco Thermal Controls, agency certifications, and national electrical codes, ground-fault equipment protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit protection. Many DigiTrace control and monitoring systems meet the ground-fault protection requirement.

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