

GFEP PANELS

Control Panels with 30 mA Ground Fault Protection

Description

The Delta-Therm GFEP Control Panel is a power switching panel with built-in 30mA ground fault circuit protection. The panel can be activated by any control device switching 120 Vac or 24 Vac to the panel.



Features and Benefits

- NEMA 4X Painted Steel Enclosure (304L or 316L stainless steel available upon request)
- One 2 Pole contactor Rated at 30A per Circuit
- Terminals for Field Wiring
- Control of 120, 208, 240, 277, or 480 VAC Circuits
- Upon activation all circuits have Ground Fault
- Protection of Equipment at 30mA per NEC Article 426 and 427
- One Ground Fault Module Protects all Circuits
- White LED Control Power Indicator on Panel Door
- Yellow LED System On Indicator on Panel Door
- Red LED Trip Indicator on Panel Door
- Dry Alarm Contacts included
- Finish Epoxy-Polyester Powder - Gray

Applications

Pipe Tracing, Snow Melting, Roof Deicing, and Specialty Heating.

Approvals

CSA-us Certified for the U.S. and Canada Certification includes all requirements of UL Standard 508A for Industrial Control Panels

Models

GFEP-2-N-30-4X

Enclosure:	NEMA 4X painted steel
H/W/D:	16/16/8 Inches (40/40/20cm)
Contains:	Two 2 pole contactors rated at 30A
Controls:	2 circuits at voltage up to 480 VAC

GFEP-4-N-30-4X

Enclosure:	NEMA 4X painted steel
H/W/D:	20/20/8 Inches (50/50/20cm)
Contains:	Four 2 pole contactors rated at 30A
Controls:	4 circuits at voltage up to 480 VAC

GFEP-6-N-30-4X

Enclosure:	NEMA 4X painted steel
H/W/D:	24/24/8 Inches (60/60/20cm)
Contains:	Six 2 pole contactors rated at 30A
Controls:	6 circuits at voltage up to 480 VAC

GFEP-8-N-30-4X

Enclosure:	NEMA 4X painted steel
H/W/D:	28/20/10 Inches (70/50/25cm)
Contains:	Eight 2 pole contactors rated at 30A
Controls:	8 circuits at voltage up to 480 VAC

GFEP-12-N-30-4X

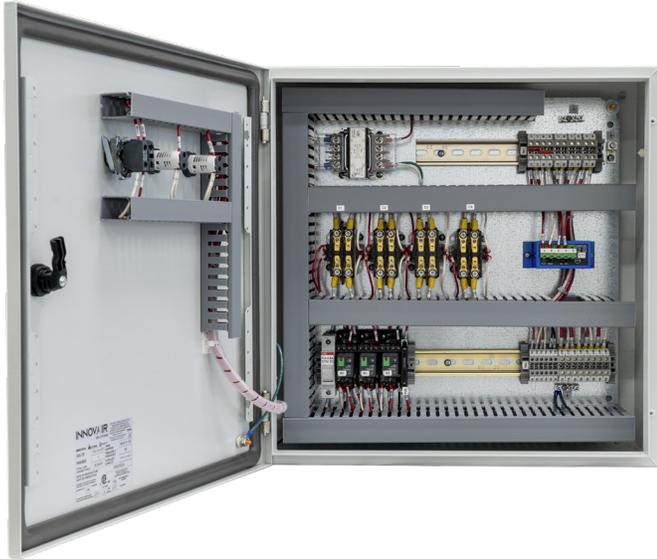
Enclosure:	NEMA 4X painted steel
H/W/D:	32/24/8 Inches (80/60/20cm)
Contains:	Twelve 2 pole contactors rated at 30A
Controls:	12 circuits at voltage up to 480 VAC

Please Take Note

Does not contain breakers or over-current devices.

This panel uses 30 mA ground fault protection and can not be used with floor warming systems in bathrooms or other locations requiring 5 mA ground fault protection.

Other panel combinations of circuits, and currents above 30A can be custom built-to-order (please use the custom panel order form)



GFEP Panels Technical Information

Creating A Part Number

Part Number: GFEP-

Number of Circuits (2, 4, 6, 8 or 12) ↑ ↑ ↑ ↑

Voltage (120, 208, 240, 277 or 480) ↑ ↑

Circuit Amperage 30 (custom 50 Amps available) ↑ ↑

Enclosure Type NEMA 4X painted steel (custom NEMA 4X Stainless Steel = SS) ↑

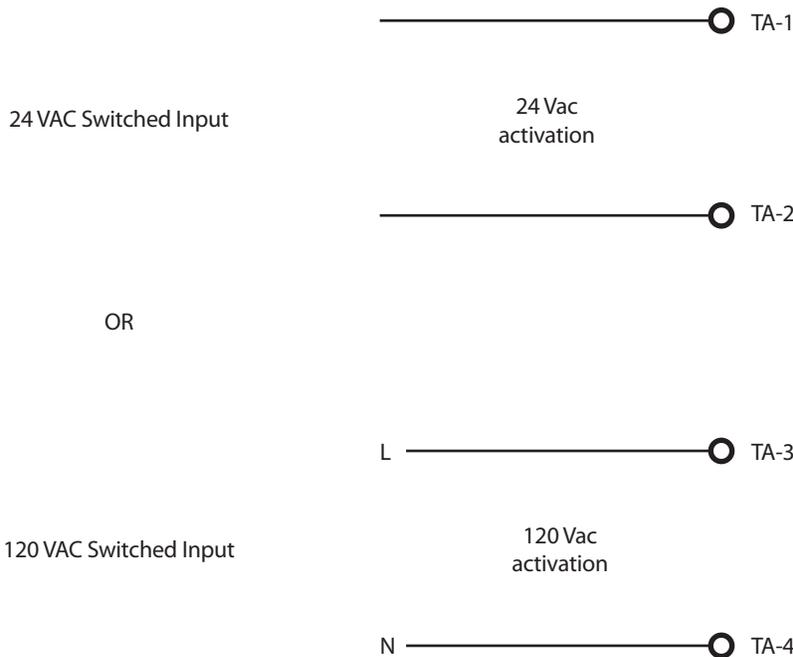
Example: GFEP-4-208-30-4X

4 circuits with 30mA GFEP at 208 VAC and 30 Amps, NEMA 4X painted steel enclosure.

120, 208, 240, 277, and 480 VAC 30 amp panels with NEMA 4X painted steel enclosures are the standard stock models.

Add 8 weeks for custom GFEP panels.

GFEP Panel Activation



DETAIL 1. Terminal Block A.

- TA-1 and TA-2 are for 24 Vac activation
- TA-3 and TA-4 are for 120 Vac activation
- Both inputs can be used simultaneously