TORNATECH

Tornatech GPx Series Electric Fire Pump Controller

Premium electric motor-driven fire pump controller series offered in both full voltage across-the-line and various reduced voltage starting configurations. Features the ViZiTouch 7" color touch screen HMI, built-in pressure and event recorder with USB export, and full compliance with NFPA 20 standards.



UL Listed | FM Approved | CE Marked

NFPA 20 Standard Compliant

KEY SPECIFICATIONS

Operator interface	ViZiTouch 7.0" Color Touch Screen HMI (Embedded Microcomputer PLC Logic)
Operating voltage	208V - 600V AC (3-Phase, 50/60 Hz)
Power range	5 - 500 HP
Starting methods	Full Voltage (GPA) Reduced Voltage: • GPS – Soft Start • GPY – Wye-Delta • GPT – Autotransformer • GPR – Primary Resistor
Remote alarm contacts	DPDT 8A - 250V AC (Power Available, Phase Reversal, Motor Run, Common Pump Room Alarm)
Enclosure finish	Red RAL 3002 Powder Coat
Enclosure rating	Standard NEMA 2 (IP54), with optional NEMA 3R, 4, 4X (304/316 Stainless Steel), IP55, IP65, IP66
Features	External Pressure Transducer with Run Test Solenoid Valve, Emergency Start Handle, Surge Suppressor, Locked Rotor Protection

FEATURES

- ViZiTouch 7" color touch screen HMI with intuitive interface
- Built-in pressure and event recorder with USB export
- Full voltage and reduced voltage starting configurations
- External pressure transducer with automatic run test solenoid valve
- Emergency start handle
- Surge suppressor and locked rotor protection
- Designed and manufactured in accordance with NFPA 20
- Robust and reliable construction for fire pump applications

APPLICATIONS

- Fire pump systems for commercial and industrial buildings
- Data centres and mission-critical facilities
- Hospitals and healthcare facilities
- Industrial and manufacturing facilities
- Marine and offshore installations
- Petrochemical and process plants
- Any facility requiring reliable electric fire pump control in accordance with NFPA 20

PRODUCT OPTIONS & CONFIGURATIONS

Model	Starting Method	Description
GPA	Full Voltage (Across-the-Line)	Standard full voltage starting controller.
GPS	Reduced Voltage – Soft Start	Solid-state soft start controller.
GPY	Reduced Voltage – Wye-Delta	Wye-delta starting controller.
GPT	Reduced Voltage – Autotransformer	Autotransformer starting controller.
GPR	Reduced Voltage – Primary Resistor	Primary resistor starting controller.

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