BRASCH
ENVIRONMENTAL TECHNOLOGIES

GDCP-Touch

Multi-Zone Gas Detector Control Panel

Up to 128 Sensors • Fully Configurable Settings • BACnet IP & Modbus RTU Outputs

Limitless Possibilities

- Fully Configurable Zones, Relays, Setpoints, Delays, and Outputs
- Scalable System Size via Relay Expansion Packs

Increased Control

- On-Demand Ventilation Control by Gas Concentration, Timer Schedule, or User Input
- 7” Full-Color LCD Touch Screen

Maximum Detection

- Monitors up to 128 CO and/or NO_2 Sensors

Enhanced Durability

- NEMA 4X Water and Dust Resistance

Intelligent Connectivity

- BACnet IP and Modbus RTU Communication for BMS Interfacing

Simplified Installation

- Customized Factory Programming and Configuration for Every Job

Remote Sensors

Voltage	CO	NO_2	CO/NO_2
24 VAC	GDCP-CM-Remote	GDCP-ND-Remote	GDCP-NCM-Remote

Accessories

Voltage	Model	Description
120 VAC	GDCP-PowerPack	120 VAC to 24 VAC Adapter for GDCP-Touch and Other Accessories
24 VAC	GDCP-ExpansionPack	Expansion Pack with 4 Additional Relays

GDCP-Touch
Detailed Specifications

Input/Output	
Input Power	24 VAC, 50/60 Hz, 0.75 A Optional: 120 VAC, 50/60 Hz, 0.3 A via GDCP-PowerPack
Power Consumption	18 VA
Control Relays	4 relays, 5A @ 125 VAC / 250 VA Optional: Up to 32 relays via GDCP-ExpansionPacks
Analog Outputs	User-selectable 4-20 mA, 0.2-1 VDC, 1-5 VDC, or 2-10 VDC
Digital Outputs	BACnet IP, Modbus RTU
Environmental	
Storage Temperature	-50°C to 120°C (-58°F to 248°F)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90% (non-condensing)
Interface	
Display	7.0” LCD, 1024 x 600, 5-point capacitive touch
Alarm	70 dB @ 10 cm, 2.9 kHz piezoelectric element
General	
Sensor Capacity	Up to 30 remote sensors Optional: Up to 128 remote sensors via GDCP-ExpansionPacks
Dimensions	8.15” W x 9.93” H x 2.70” D (21 cm W x 25 cm H x 7 cm D)
Weight	5.0 lbs (2.27 kg)
Housing	Gray, NEMA 4X, fiberglass/polycarbonate
Compliance	
Performance	Pending
Electromagnetic Interference	Pending
Environmental	Pending

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