Contact Module—CM50

Module Overview

Designed to be simple, effective, and efficient web based monitor for your critical applications.

Standard Features include:

- Simple installation and setup
- Web-accessible with a clean, easy to use, mobile-friendly web interface
- Monitors eight dry contact inputs and four temperature or temperature/humidity sensors, plus one zone of leak detection
- Single zone leak detection supports up to 200’ of sensing cable and spot detectors
- USB power - run the CM50 from a wall outlet via included adapter or a USB port on a computer
- Multiple alarm notification configurations including audible and visible indicators, integrated web interface, email messaging, and SNMP traps
- Relay output allows for simple control of an external device upon alarm condition
- Modbus TCP output enables simple integration to a Building Management System (BMS)
- SNMP integration for Network Management Systems (NMS)
- Integrated logging and trending, including CSV downloadable trending data.

Specification:

Wired Inputs	(4) one-wire digital temperature or 1-wire digital temperature/humidity sensor inputs; plug-and-play; configurable alarm points (8) dry-contact points; configurable for alarm (1) zone leak detection (special sensor required, please contact Pythia Technologies)
Outputs	1 Form C summary relay; 2A @ 30VDC 0.5A @125VAC. Configurable
Alarm **Notifications**	Panel—Audible alarm visible LED Web Interface—Dashboard overview with alarm indicators Email—Up to (8) recipients, or distribution lists; email to SMS SNMP Traps—Multiple destinations Relay—(1) Form C summary relay output
Web Logon	(8) read only users & (8) read write users
Communication Ports	Ethernet: 10/100BaseT, RJ45 connector; 500VAC RMS isolation
Protocols	TCP/IP; ARP; DNS; UDP; DHCP; ICMP HTTP: Support multiple connections SMTP (email): Supports Client Authentication (plain and login); compatible with ESMTP Servers Modbus Slave: TCP/IP transmission protocol SNMP: V1; V2C MIB-2 compliant; NMS Get and Traps supported
Logging	50 most recent alarms
Trending	Records up to 86,400 points of sensor data. Sample interval set from 1 second to 1 day. CSV downloadable
Operating Environment	-40F—185F, 0-100% RH non-condensing
Dimensions / Weight	5.63”W x 1.0” H x 2.63”W / >1lb
Certifications	CE; ETL listed: conforms to UL 61010-1, EN 61010-1; certified to CSA C22.2 NO. 61010-1; RoHS compliant

Ordering

CM50

PYTHIA TECHNOLOGIES
data transformation solutions

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Specification may change at anytime without notice.

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