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PowerSeries Control Panels v4.5

Features That Make a Difference:

- CO detector support: wireless (WS4913) or hardwired (generic)

- Updated PowerSeries Keypads (PK and RFK models) support CO detectors

- Updated PowerSeries Wireless Receiver (RF5132) supports wireless CO detectors

- Alternate communicator call routing via GPRS and IP

- Automatic Contact ID over GPRS

- Automatic Sync for alternate communicators

Standard PowerSeries Features:

- Template programming

- Local and remote downloading

- Programmable Daylight Savings Time

- Automatic CID

- 2-way audio

- 1 time use code

- Keypad lockout

- Programmable false alarm reduction features including audible exit delay and fault, quick exit, automatic arm/disarm, programmable bell delay timer, etc

PowerSeries v4.5 Control Panels: Feature-Rich with Proven Performance

PowerSeries Control Panels have a proven reputation for providing the value and dependability that security professionals demand. The modular design of the PowerSeries v4.5 Control Panels provides even more value-added features including support for CO detectors, an automatic synching feature to reduce install time and the flexibility of different alarm reporting paths.

Front-Line Protection Against The Silent Threat Of Carbon Monoxide Poisoning

Colorless, tasteless, odorless but deadly, carbon monoxide (CO) is impossible to detect without a warning device. With the PowerSeries v4.5 Control Panel, either wireless or hardwired CO detectors can be easily integrated into the security system. Installers have the option of using the DSC wireless CO detector (WS4913) - the perfect solution for difficult-to-wire locations, with its compact design, battery power and wireless capability - or the hardwired CO detector.

Flexible, Alternate Alarm Communication Methods

Traditional phone lines are becoming increasingly less common in many homes and businesses as more people opt for VoIP (Voice over IP) or cellular phones. The PowerSeries v4.5 Control Panel gives customers the option to combine alarm reporting paths through Public Switched Telephone Network (PSTN), Internet or GPRS/GSM channels. Having Internet with GSM/GPRS as back-up provides complete security with the additional benefit of increased recurring monthly revenue (RMR) for dealers.

Reduce Installation Time with Easy to Program PC-Link

The new Automatic Sync feature enables T-Link or GS Communicators to communicate automatically using the format and account number predefined in the panel programming, reducing the risk of programming errors and on-site install time. Combined with template programming and end-of-line configuration, quicker more accurate installations means more installations per day with more revenue.

panels, keypads & modules

Make PowerSeries v4.5 Control Panel your preferred choice. Available in three different configurations (PC1616/PC1832/PC1864), the PowerSeries v4.5 Control Panel has the scalability, versatility and flexibility to work in small residential to medium-sized commercial installations.

Compatibility:

- User Interfaces include LED, Picture Icon LCD or Full Message LCD

- Wireless Receivers, Devices and Detectors, including CO Detectors

- Audio Alarm Verification

- Telephone Interface/Automation Control

- High & Low Current Output Expansion

- Alternate Communication Options

- Hardwired Expansion and Detectors

- Addressable Expansion and Detectors

- Windows™ Software for PC Downloading

- Access Control Integration

Specifications

Power Supply .... 16.5 VAC/40 VA @ 50/60 Hz

Current Draw (Panel) .... 110 mA (Nominal)

Auxiliary & Output .... 13.75 ± 5% VDC /700 mA

Bell Output .... 13.75 ± 5% VDC /700 mA

Operating Environment .... 32º to 120º F (0º to 49º C)

Relative Humidity .... 93% (Max.)

Battery Requirement .... 4 Ah/ 7Ah / 14 AHr

Individual Specification by PowerSeries v4.5 Type

Features	PC1616	PC1832	PC1864
On-Board Zones	6	8	8
Hardwired Zones	16 (1 x PC5108)	32 (3 x PC5108)	64 (7 x PC5108)
Wireless Zones	32	32	32
Keypad Zone Support	Yes	Yes	Yes
Keypads	8	8	8
On-board PGM Outputs	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1,3,4 = 50 mA PGM 2 = 300 mA
PGM Expansion	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)
Partitions	2	4	8
User Codes	47+ Master Codes	71+ Master Codes	94+ Master Codes
Event Buffer	500 Events	500 Events	500 Events

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Specifications DSCPC5003C

The DSCPC5003C is the DSC Large Metal Cabinet/Enclosure.

Dimension: 248 x 298 x 78mm

Suitable for:

- Alarm Panel:
    - PowerSeries: DSCPC1616PCBAUS, DSCPC1864PCBAUS
    - PowerSeries NEO: DSCHS2016PCBAU, DSCHS2064PCBAU, DSCHS2128PCBAU
- Input Expander:
    - PowerSeries: DSCPC5108
    - PowerSeries NEO: DSCHSM2108
- Output Expander:
    - PowerSeries: DSCPC5208
    - PowerSeries NEO: DSCHSM2208
- Power Supply Module:
    - PowerSeries: DSCPC5200, DSCPC5204
    - PowerSeries NEO: DSCHSM2204, DSCHSM2300

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Specifications DSCT-1

The DSCT-1 is the DSC tamper switch for DSC Metal Cabinet/Enclosure DSCPC5002C, DSCPC5003C, DSCPC4001CW.

Specifications DSCTB-1

The DSCTB-1 is the DSC tamper bracket for DSC Metal Cabinet/Enclosure DSCPC5002C, DSCPC5003C.

DSCTB-1 tamper bracket suitable to use with DSC Tamper Switch DSCT-1.
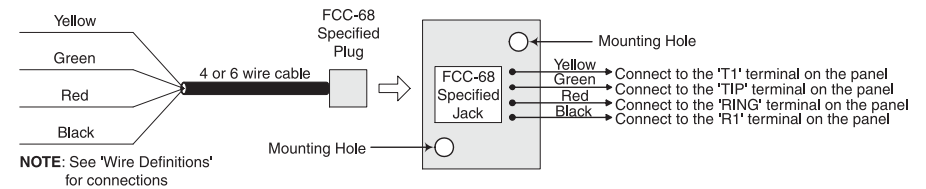
Product Description

This module is used to interface the telecom network to the panel telecom circuit via an FCC-68-specified plug.

Installation

Secure the module to the inner side or bottom of the enclosure with the double-sided adhesive tape provided. Alternately, holes can be drilled in the enclosure and 1/4" plastic standoffs can be used to secure the module.

For wiring connections, see the wiring diagram below.

Wiring Diagram (Component Side)

Yellow
Green
Red
Black
4 or 6 wire cable
FCC-68 Specified Plug
Mounting Hole
FCC-68 Specified Jack
Yellow — Connect to the 'T1' terminal on the panel
Green — Connect to the 'TIP' terminal on the panel
Red — Connect to the 'RING' terminal on the panel
Black — Connect to the 'R1' terminal on the panel
Mounting Hole

NOTE: See 'Wire Definitions' for connections
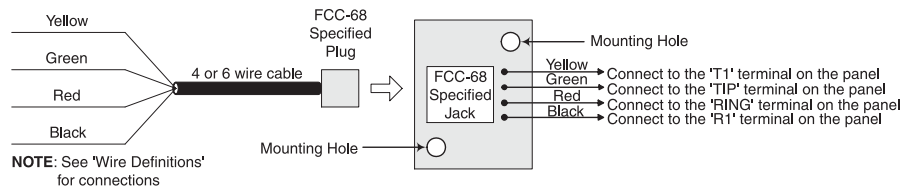
Wiring Definitions

Green = Incoming 'TIP'
Red   = Incoming 'RING'

From the telecom network

Yellow = Outgoing 'TIP'
Black = Outgoing 'RING'

To the remaining telecom equipment at the site

WARNING: Please refer to the System *Installation Manual* for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.