

PC1616/PC1832/PC1864 STANDARD INSTALLATION GUIDE

This Installation Guide provides the basic installation, wiring and programming information required to program the PowerSeries PC1616, PC1832 and PC1864 control panels. This guide shall be used in conjunction with the *PowerSeries PC1616/1832/1864 Reference Manual* which can be obtained from your local dealer or downloaded from the DSC web site at www.dsc.com.

NOTE: All necessary information required to meet UL Listing requirements is contained in this document.

Read the complete guide, then work through each step as indicated.

OUT OF THE BOX

- Qty 1 ☐ Cabinet
- Qty 1 ☐ PC Module
- Qty 1 ☐ Installation guide
- Qty 1 ☐ User manual
- Qty 2 ☐ Cabinet Label
- Qty 1 ☐ Cabinet Door Plug
- Qty 4 ☐ Standoffs
- Qty 16 ☐ 5.6K Ω Resistors
- Qty 1 ☐ 2.2K Ω Resistors
- Qty 1 ☐ 1.0K Ω Resistors
- Qty 1 ☐ 10K Ω Resistors
- Qty 1 ☐ Grounding Kit

SPECIFICATIONS

Temp Range 0°C-49°C (32°F-120°F)
 Humidity (Max)..... 93%R.H.
 Power Supply 16.5Vac/40VA @ 60Hz
 Current Draw (Panel) 110mA (nom.)
 Aux+ Output 11, 1-12.6Vdc/700mA
 Bell Output 11, 1-12.6Vdc/700mA

FEATURES

On-board Zones
 Hardwired Zones
 Wireless Zones
 Keypad Zone Support
 On-board PGM Outputs
 PGM Expansion
 Keypads
 Partitions
 User Codes
 Event Buffer
 Transformer Required
 Battery Required
 Bell Output

PC1616

6
 16 (1xPC5108)
 16
 ✓
 PGM 1 - 50mA
 PGM 2 - 300mA
 8x50mA (PC5208)
 4x500 mA (PC5204)
 8
 2
 32 + Master Codes
 500 Events
 16.5Vac/40VA
 4Ah / 7Ah/14Ah
 12V/700 mA (cont)

PC1832

8
 32(3xPC5108)
 32
 ✓
 PGM 1 - 50mA
 PGM 2 - 300mA
 8x50mA (PC5208)
 4x500 mA (PC5204)
 8
 4
 32 + Master Codes
 500 Events
 16.5Vac/40VA
 4Ah / 7Ah/14Ah
 12V/700 mA (cont)

PC1864

8
 64 (7xPC5108)
 32
 ✓
 PGM 1, 3, 4 - 50mA
 PGM 2 - 300mA
 8x50mA (PC5208)
 4x500 mA (PC5204)
 8
 8
 32 + Master Codes
 500 Events
 16.5Vac/40VA
 4Ah / 7Ah/14Ah
 12V/700 mA (cont)

COMPATIBLE DEVICES

Keypads (Backward compatible with all PowerSeries keypads)

PK5500 Keypad 125mA (max.)
 PK5501 Keypad 125mA (max.)
 PK5508 LED Keypad 125mA (max.)
 PK5516 LED Keypad 125mA (max.)
 PC5532Z LED Keypad 125mA (max.)
 LCD5511 Fixed Message LCD Keypad 85mA (max.)
 LED5511Z 8-zone LED Keypad 100mA (max.)

Cabinets

PC5003C 222x298x78mm (11.3x11.7x3.0in)
 PC500C 213x235x78mm (8.4x9.25x3.0in)

Refer to the Reference Manual for alternate control cabinets

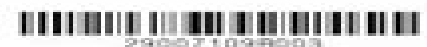
Modules

T-Link TL-250/TL300 275/350mA
 PC5100 2-wire Interface 40mA plus devices to 170mA max.
 PC5132-433 Wireless Receiver 125mA
 RF5108-433 Wireless Receiver 125mA
 PC5108 Zone Expander 30mA
 PC5204 Power Supply with 4 Programmable Outputs 30mA
 PC5208 Low Current Programmable Output Module 50mA
 PC5400 Printer/DVAC Module 65mA
 PC5401 Bi-Directional RS232 Module (Not UL Listed) 65mA
 Escort5580 Telephone Interface Module 130mA

Refer to the Reference Manual for additional devices.

Classified in Accordance with ANSUSIA CP-01-2000 (SIA-FAR)

DSC
PowerSeries™
 SECURITY SYSTEM



29007109R003

Business Objects Xir3 Standard Installation Guide

WJ Hussar



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