

F01U267744-00a

Incorrect wiring will damage this equipment. Suitable for dry indoor use only. Devices powered by any power output must be supervised.



BOSCH D7412GV4

Commercial Protected-Premises Control Panel
Refer to GV4 Series Control Panels Approved Applications Compliance Guide for System Wiring Diagram, Issue A and for compatible smoke detectors, 2-wire Compatible Identifier "A".
Minimum system requirements for Classification in accordance with ANSI/SIA CP-01-2010 UL Listed and Classified control unit Model D9412GV4, D7412GV4, or D712GV4; UL Listed and Classified keypad Model D1256, D1257, D1260, D1255, D1255R, or D1255RB; UL Listed Local Bell

- LEDs Off when Normal
- 10.2 VDC - Battery Load Shed
- YELLOW - Charging Status
- RED - Low Battery - 12.1 VDC

- 1 CLASS 2 TRANSFORMER 16.5 VAC 40 VA 60 Hz Model D1640 Internally Fused - Do not short Requires Unswitched Outlet Do not share with other equipment.
- 2

- 3 + AUX POWER
- 4 BATTERY NEGATIVE ONLY CAUTION: Avoid damage to Panel. Do not connect 24 V to terminals. Maximum charging current 1.4 A
- 5 BATTERY POSITIVE ONLY.

- 6 PROGRAMMABLE ALARM OUTPUTS Terminals 6 and 7
- 7 RELAY B
- 8 RELAY C
- 9 COMMON

- 10 EARTH
- S4 GROUND FAULT DETECT Enabled Disabled

PHONE LINE SEIZED LED ON when communicating OFF when idle
RED TIP RING TELCO CORD MODEL D461

WARNING!
To prevent risk of electric shock, disconnect AC power and telephone lines before servicing.

- SD12
- RED POWER + 36
- YELLOW DATA BUS A 35
- GREEN DATA BUS B 34
- BLACK COMMON 33

SD12 Connector
SD1 Connector

- SD1
- RED POWER + 32
- YELLOW DATA BUS A 31
- GREEN DATA BUS B 30
- BLACK COMMON 29

- NFPA Style 4.0 Signalling Line Circuits
- ZONEX OUT 1 28
- ZONEX IN 1 27
- NOT USED 26
- NOT USED 25
- ZONEX POWER + 24
- ZONEX COMMON 23

POWER SUPPLY REQUIREMENTS

The Power Supply provides a maximum of 1.4 Amps for the Control Panel and all Accessory Devices. For System Loading, refer to the GV4 Series Control Panel Installation and Operation Guide.
All external connections except Terminal 5 (battery positive) are inherently power limited. Requirements for battery standby time might reduce allowable output.

WARNING!
Multi-Battery installation requires Model D122 or D122L Dual Battery Harness. Improper installation can be a fire hazard.
Battery: Replace every 3 to 5 years with one or two Model D126 or D1218 12 V Lead Acid Batteries.

This equipment should be installed in accordance with the NFPA 70 (National Electrical Code) and NFPA 72 (National Fire Alarm Code).
Not suitable for remote station protected premises services where separate transmission circuits are required for fire, supervisory (when applicable) and trouble signals when using D185.

The D9412GV4 Control Panel is UL Listed For Central Station, Remote Station, Local, Auxiliary, Proprietary, and Household Fire Alarm, and Central Station, Local, Proprietary, Police Station Connect, Household Burglar Alarm and Encrypted Line Security when communicating via a network.

System is intended to be checked by a Qualified Technician at least every 3 years. The types of initiating circuits the control panel has been approved for are A, M, V, S, SS. The types of signaling the control panel has been approved for are DAC, OI, NC, ReFrOl.

ON-BOARD POINTS
1.0 kΩ Resistor Required at End of Line

