

F01U267744-02

BOSCH

D9412GV4

Commercial Protected-Premises Control Panel

LEDs Off when Normal

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

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

- 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 D122L
Do not short
Requires Unswitched Outlet
Do not share with other equipment

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 SWITCHED AUX Terminal 8

9 COMMON

10 EARTH GROUND

S4 GROUND FAULT DETECT
Enabled
Disabled

PHONE LINE SEIZED LED
ON when communicating
OFF when idle

RED TIP RING
TELCO CORD MODEL D161

Refer to the GV4 Series Control Panels Approved Applications Compliance Guide for System Wiring Diagram, Issue A, and to the D125B Installation Instructions for compatible smoke detectors, 2-wire Compatible Identifier 'A'.
Minimum system requirements for Classification in accordance with ANS/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, D1258R, or D1255RB;
UL Listed Local Bell

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 Operation and Installation Guide.

All external connections except Terminal 5 (battery positive) are inherently power limited. Requirements for battery standby time might reduce allowable output.

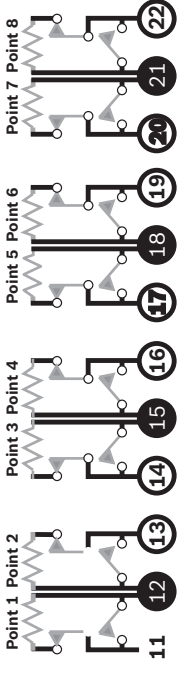
WARNING!
Multi-Battery installation requires Model D122 or D122L Dual Battery Harness. Improper installation can be a fire hazard.

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, W, SS.
The types of signaling the control panel has been approved for are DAC, OT, NC, RevPol.

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



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

SDI2 Connector

SDI Connector

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

NFPA Style 4.0 Signaling Line Circuits

ZONEX OUT 1 28

ZONEX IN 1 27

ZONEX OUT 2 26

ZONEX IN 2 25

ZONEX POWER + 24

ZONEX COMMON 23

Operation Monitor LED
Pulses when Normal
Flashes when Ringing
GREEN

