



BOSCH

B6512/B5512/B4512/B3512

This equipment should be installed in accordance with the NFPA 70 (National Electrical Code), the NFPA 72 (National Fire Alarm Code), and the local authority having jurisdiction. Depending on the application, the installation is to be in accordance with one or more of the following UL standards:
 UL681 Installation and Classification of Mercantile and Bank Burglar Alarm Systems;
 UL1076 Proprietary Burglar Alarm Systems and Units; UL1641 Installation and Classification of Residential Burglar Alarm Systems. Printed information describing proper installation, operation, testing, maintenance, repair service and response to an alarm is to be provided with this equipment.
 Warning: Owner's Instruction Notice (P/N: F01U287181): Not to be removed by anyone except occupant.
 Avertissement : guide de l'utilisateur (réf. : F01U287181) : seul l'occupant est autorisé à le retirer.

Bosch Security Systems, Inc. recommends testing the entire system at least once a week, and having a qualified technician check the system at a minimum of once every 3 years.

Minimum system requirements for Classification in accordance with ANSI/SIA CP-01-2010
 UL Listed and Classified control unit Model B5512, B4512 or B3512;
 UL Listed and Classified keypad Model B915/B915I, B920, B921C, B930, B942, or B942W
 UL Listed Local Bell

Suitable for the following applications: 1) Household Burglar Alarm System Units. 2) Household Fire Warning System Units. 3) Police Station connect, Mercantile Premise alarm system, Mercantile Safe and Vault alarm system. For all Police Station applications, Model D8108A Attack Resistant Enclosure with a UL Listed local sounding device is required. 4) Local, Mercantile Premise alarm system and Mercantile Safe and Vault alarm system. 5) Central Station, suitable as a dual signal line transmission system. 6) Proprietary Burg. 7) Holdup Alarm Units and System.

This equipment has been type tested and found to comply with the specifications in Part 15 of FCC rules for Class B Computing Devices. Operation is subject to the two following conditions (1) this device may not cause any interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

POWER SUPPLY REQUIREMENTS

The Power Supply provides a maximum of 800 mA for the Control Panel and all Accessory Devices.
 All external connections are inherently power limited, Class 2.
 Requirements for battery standby time might reduce allowable output.

Model number B430 complies with Part 68, FCC Rules. FCC Registration Number: ESVAL00BB430 Ringer Eq 0.0B

Model number B430 complies with CS-03, IC Rules, IC: 1249A-B430 REN 0.0

For ULC installations, refer to the ULC Installation Guide (P/N: F01U321698 for en and F01U322701 for fr).

Incorrect wiring might damage this equipment.

Do not connect to a receptacle controlled by a switch. Do not share with other equipment.

B6512/B5512/B4512/B3512 use a CX4010 UL Listed Class 2 Transformer 18 VAC 22 VA 60 HZ, or in Canada, an ICP-TR1822-CAN Plug-in Transformer 120 VAC primary, 18 VAC 22 VA secondary.

CAUTION! Avertissement!
 Avoid damage to Panel.
 Do not connect 24 V to terminals.
 Pout éviter d'endommager la centrale :
 Ne pas raccorder l'alimentation électrique de volts aux bornes.

Maximum charging current is 1 A auxiliary power at 12 VDC.
 BATTERY: Replace every 3 to 5 years with one or two D126 or one D1218 12 V Lead Acid Batteries for Burglary or Combination Fire and Burglary Systems.

WARNING! ATTENTION!
 Multi-Battery installation requires Model D122 or D122L Dual Battery Harness.
 Improper installation can be a fire hazard.
 Le installations à plusieurs batteries nécessitent un faisceau de câbles de Batterie double de modèle D122 ou D122L. Toute installation inadéquate peut causer un risque d'incendie.

For UL Listed fire alarm applications, use a D192G Notification Appliance Circuit module.

WARNING

THIS UNIT INCLUDES AN ALARM VERIFICATION FEATURE THAT WILL RESULT IN A DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED CIRCUITS. THE TOTAL DELAY (CONTROL PANEL PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS. NO OTHER SMOKE DETECTOR SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

ATTENTION!

CETTE UNITÉ COMPREND UNE FONCTIONNALITÉ DE VÉRIFICATION DES ALARMES QUI CONDUIT À UN RETARD DU SIGNAL D'ALARME DU SYSTÈME PROVENANT DES CIRCUITS INDICUÉS. LA RETARD TOTAL (CENTRALE + DÉTECTEURS DE FUMÉE) NE DOIT PAS DÉPASSER 60 SECONDES. NE CONNECTER AUCUN AUTRE DÉTECTEUR DE FUMÉE À CES CIRCUITS, SAUF SI CELA EST PERMIS PAR LES RÉGLEMENTATIONS LOCALES EN VIGUEUR

* Circuit (point)	Control panel delay, seconds	Smoke detector	
		Model	Delay, seconds

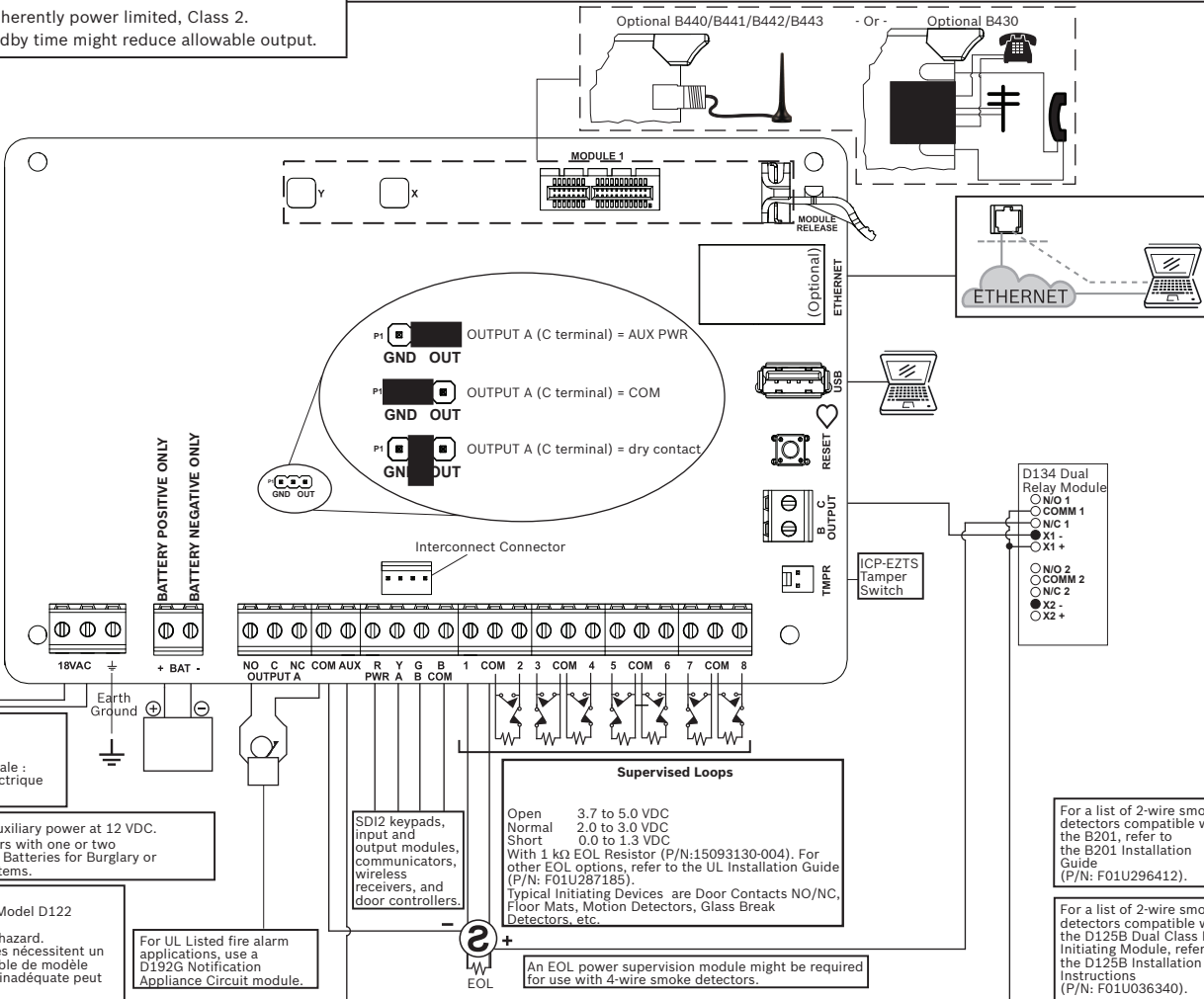
Include detector data or the following or equivalent statement: "Use the delay (power-up/start-up) time marked on the installation wiring diagram of the smoke detector or on the installed smoke detector(s)."

Auxiliary Powered Devices 11.5 to 12.4 VDC. Below 10.2 VDC, the B6512/B5512/B4512/B3512 stops processing Loop inputs.

This equipment should be installed in accordance with the CSA C22.1, Canadian Electrical Code, Part 1, Safety Standard for Electrical Installations.

B6512_B5512_B4512_B3512_ULLD-05

Communication:
 Standard Line Security: Cellular or IP
 A4: Cellular or IP
 P3: DACT



For a list of 2-wire smoke detectors compatible with the B201, refer to the B201 Installation Guide (P/N: F01U296412).

For a list of 2-wire smoke detectors compatible with the D125B Dual Class B Initiating Module, refer to the D125B Installation Instructions (P/N: F01U036340).