

Installation instructions of Bosch intrusion system 600 Brandon

Installation instructions:

Supply and attach a ¾" painted plywood backboard to the wall in each of the designated electrical rooms to facilitate mounting of panels IS1 and IS2.

Supply and install two each 120v ac 15A circuit to feed the IS1 main panel power supply and the IS2 expansion power supply with a central disconnect switch from a dedicated circuit. Central disconnect switch should have padlock brackets for locking the switch in "ON" position.

Supply and install power supply and enclosure, 10A AlarmSaf (or CSA equivalent), to power Bosch GV4 and all devices that connect with IS1 main panel.

Supply and install a 32"x20" CSA approved lockable enclosure to the IS1 back board and interconnect to the power supply enclosure with conduit or wire tray.

Supply and install Bosch D9412GV4 controller, D8125 expansion module and battery backup (2x12v 7Ah) in the IS1 main panel with all accessories outlined in the Bosch installation manual and terminal blocks to feed power to field devices that interconnect with IS1.

Supply and install power supply and enclosure, 4A AlarmSaf (or CSA equivalent), to power Bosch expansion module and all devices that connect with IS2 expansion panel.

Supply and install an 18"x20" CSA approved lockable enclosure to the IS2 back board and interconnect to the power supply enclosure with conduit or wire tray.

Supply and install Bosch expansion module D8125 and all accessories outline in the Bosch installation manual and terminal blocks to feed power to field devices that interconnect with IS2.

Supply and install conduits from IS1 main panel and IS2 expansion panel to all field devices that interconnect with IS1 and IS2, as well as, interconnects between IS1 and IS2. Run necessary conduits to connect readers to associated P2000 panels. The use of ½" conduit is permitted where 40% fill is not exceeded. Paint conduits to match ceilings or walls when run in open areas. J hooks are permitted in ceiling spaces that are not utilized as air supply/returns.

Supply and install all field devices including popits (in covered single gang boxes), door contacts, motion detectors, beams, keypads, readers. Refer to attached documents, manufacturer's installation instructions, and the following: Ensure popits are located above and close to field devices. Overhead door contacts to be mounted at 12'. Type 1 motion detectors are to be mounted at 7'6". Type 2 motion detectors are to be mounted to the ceiling and centrally located in the space. Readers are to be mounted at 36" from the floor and keypads at 6" above the readers.

Supply and install Belden ft6 cables as listed in attached documents from all devices to appropriate panels. Label all cables at both ends using naming convention provided.

All field devices are to be wired for four -state supervision.

Keypads require the use of tampers.

Interconnect and terminate wiring to all devices, controllers, modules, power supplies. All wire to wire connections are to be soldered.