

DATA LINX INSTALLATION INSTRUCTIONS

Models: DL1200, DL1200-POE, DL1200-75, DL1200-235

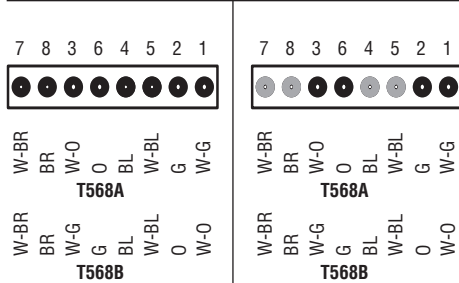
Thank you for choosing ITW Linx DataLinx® 1200. The DataLinx 1200 will provide the finest surge protection available for Power Over Ethernet (POE), Voice Over Internet Protocol (VOIP) and LAN needs.

INSTALLING DATALINX 1200 SERIES UNITS

Using four standard rack mounting screws (included) mount DataLinx 1200 to a standard 19" rack cabinet.

Detach the two front panel screws. Pull the back of the housing out to expose the 110 connectors. Carefully punch-down input pairs, maintaining proper wire twist. Wires must be 24 AWG and be punched-down in compliance with either TIA 568-A or 568-B standards. See diagram below.

WIRING CONVENTIONS/DIAGRAM



DL1200—All pins clamp at 16V.

DL1200-235—All pins clamp at 235V.

DL1200-75—All pins clamp at 75V.

Pins 4, 5, 7 and 8 clamp at 62V.

Pins 1, 2, 3 and 6 clamp at 16V.

DL1200 / DL1200-235
DL1200-POE

Position cable(s) into the cable exit slots on the back of the housing. Position and secure a cable tie on each cable to provide strain relief next to cable exit slots in the protector housing.

Push the housing back in and secure the two front panel screws. **IMPORTANT: Attach a #6 AWG wire to the Screw Ground Lug (SGL-1) on back of the unit to a properly grounded Ground Bus Bar.**

To ensure Cat 5e performance, connect a Cat 5e or better patch cord to the DataLinx protector and the equipment to be protected. In the extremely unlikely event that everything does not work perfectly, stop and read the troubleshooting section. If you continue to have problems, call ITW Linx Customer Service Department at 1-800-336-LINX.

DATALINX 1200 FEATURES

12-port, Cat 5e Protection—Solid-state, Primary and Isolated Loop protection, UL 497 and 497B, Cat 5e per TIA 568-A and TIA 568-B)

Single Height Chassis (1U)

Replaceable 4-port Modules—In the event of a catastrophic surge you will not need to replace the entire unit, just the modules that have been effected.

TROUBLESHOOTING

1. Intermittent or no LAN connections.

Wires are not completely punched-down or are not punched-down correctly. Visually inspect for any loose or non-connected wires. Verify that wires are punched-down in compliance with either TIA 568-A or 568-B standards.

NOTE: If system operating voltage exceeds the listed initial clamping voltage for your unit or if a surge is present on the network, the port will be connected to GND by design. Remove surge source or check the system voltage.

If you continue to have trouble with your DataLinx 1200 or this section has not fixed the problem, please call ITW Linx Customer Service at: 1-800-336-LINX

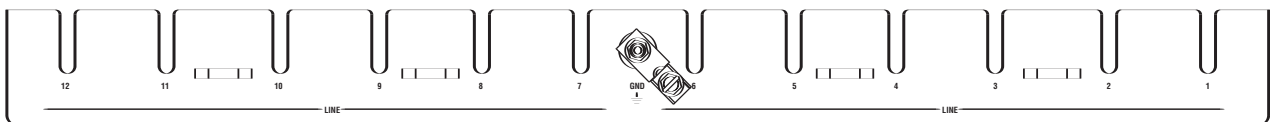
CAUTION:

1. Never install telephone wiring during a lightning storm.
2. Disconnect telephone lines before installing protector.
3. Protector and equipment ground should be connected to a single common ground.
4. Make sure no electrical surges are on the lines when installing or removing circuit cards.
5. The protector shall be installed in accordance with the applicable requirements of the National Electric Code, ANSI/NFPA-70, Article 800, Section C.

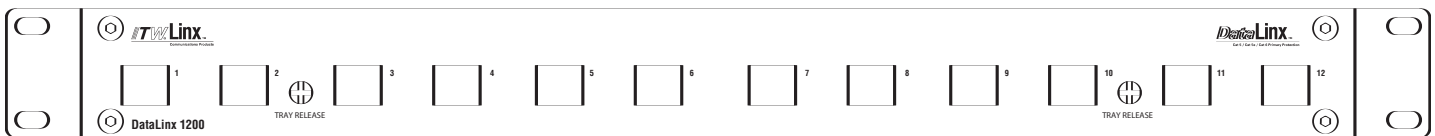
Note:

1. Many old buildings are inadequately wired. It is very common for a building to be improperly grounded. Building wiring and grounding must conform to applicable NEC (USA) or CEC (Canada). Ground impedance is recommended to be 1 ohm or less. Protectors will not function properly when connected improperly or to a faulty ground.
2. The DataLinx 1200 and the connected equipment must be indoors and in the same building.

REAR PANEL—DataLinx 1200



FRONT PANEL—DataLinx 1200



DATA LINX REPLACEMENT CARD INSTALLATION INSTRUCTIONS

DL1200-RC-16, DL1200-RC-POE, DL1200-RC-75 and DL1200-RC-235

1. Remove all plugs from the jacks in the protector.
2. Remove (2) front screws marked "Tray Release".
3. Slide tray out from back of the protector.
4. Remove punchdown wires on effected module (s).
5. Remove (2) screws on module.
6. Remove module and insert new module.
7. Attach (2) screws and punchdown wires in proper location.
8. Slide tray into chassis and fasten with (2) screws.
9. Insert plugs into proper jack locations.

CAUTION:

1. Never install telephone wiring during a lightning storm.
2. Disconnect telephone lines before installing protector.
3. Protector and equipment ground should be connected to a single common ground.
4. Make sure no electrical surges are on the lines when installing or removing circuit cards.
5. The protector shall be installed in accordance with the applicable requirements of the National Electric Code, ANSI/NFPA-70, Article 800, Section C.



800-336-LINX • itwlinx.com