

The DTK-XR is a multi-line surge suppressor that can protect an SK-ACP control panel, 28SA-PLUS or other access control unit from damaging power surges.

Locate the DTK-XR with at least three (3) feet of wire from the unit to be protected.

Connect the green ground wire to a dependable earth ground, using a heavy gauge cable (12 or 14 AWG recommended). Keep the wire run to the grounding location as short as possible.

If you are using 24 volts to power the access control unit (recommended) connect the power supply to 24V IN and connect the access control unit to 24V OUT. If you are using 12 volts to power the access control unit, connect the power supply to 12V IN and connect the access control unit to 12V OUT.

If the access control unit is connected to other units via RS-485 (i.e. 28SA-PLUS or SK-ACP) you may connect the "A" and "B" lines of the RS-485 twisted pair to 6V IN and 6V OUT.

If you are using a dial-up modem, you may protect the modem by running the "Tip" (usually green) and "Ring" (usually red) phone lines to TELCO IN and connect the phone jack to TELCO OUT.

### DTK-XR DIAGRAM

