

### Residential Intrusion Alarm Panel

Today's burglar (or intrusion) alarm systems have sophisticated electronics and circuitry. Sensors are connected to a control panel via low-voltage hardware or narrowband RF (radio frequency) signal. These signals interact with a responsive device such as a bell, siren, door contacts or motion detector. Because these devices are highly vulnerable to damaging surges and transients, today's homeowners and businesses turn to ASCO Power Technologies to protect their security systems.

The **ASCO Model 245 (Islatrol SP-6TVN)** is an industrial-strength surge suppression/filtering device that plugs into a standard duplex receptacle. It features uniquely designed repositionable outlets for easy installation behind desks and other furniture and an external ground screw to aid in single point grounding, perfect for the AC Power coming to the alarm panel.

The **ASCO Model 150 (Edco TER-018)** surge suppressor installs directly onto electronic circuit wiring terminal screws. This close proximity preserves the **ASCO Model 150's** response time, clamping level and ground reference by eliminating lead lengths, and its miniature size fits directly inside fire or security panels, CCTV housings and other system electronic enclosures. The **ASCO Model 150** maximizes surge suppression performance while reducing hardware and installation costs.

The **ASCO Model 136 (Edco FAS-31XT)** is a single-pair telephone or data line protector that implements advanced two-stage hybrid design. This unit addresses over-voltage transients with silicon breakover devices, while sneak and fault currents are mitigated with PTC technology, which consists of solid state resettable fuses. The **ASCO Model 136** replaces the RJ31X jack with a protected version. Four screw terminals are provided to wire the protector in the same manner as a standard RJ31X jack.



ASCO Model 245  
(Islatrol SP-6TVN)

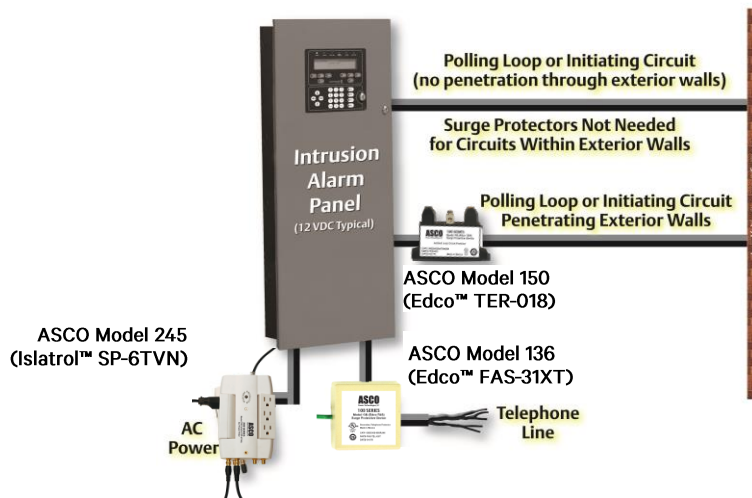
ASCO Model 150  
(Edco TER-018)

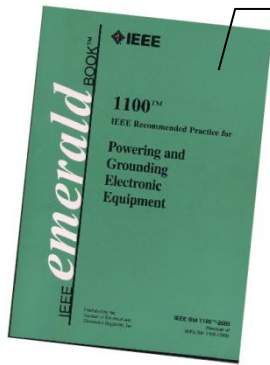


ASCO Model 136  
(Edco FAS-31XT)

Device	Part Number
Power to Panel	245120NF015ARCNO
Polling Loop or Initiating Circuit	150D043S047SN2N0
Telephone line (Terminal In, RJ-31X Out)	136D270S160SRJNO

### Communications - Hard Wired Applications





*IEEE Standard 1100 Section 8.6.4 "... it is recommended that additional surge protective devices of listed Category "B" or Category "A," as specified in IEEE Std C62.41-1991, be applied to downstream electrical switchboards and panelboards, and panelboards on the secondary side of separately derived systems if they support communications, ITE, signaling, television, or other form of electronic load equipment."*