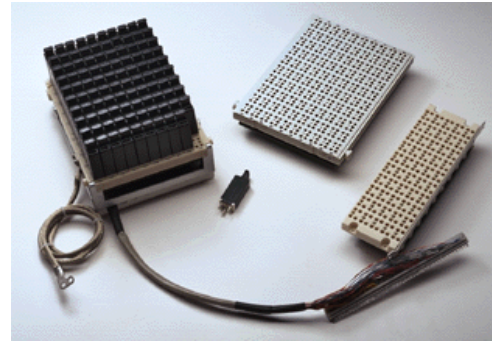
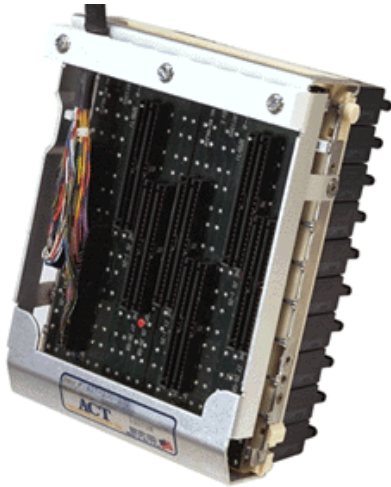


# ACT 427

## 5 Pin Protection Block Family

An OEM Surge Protection Device



GE Patent # 5457593

### GENERAL

The ACT 427 100 pair 5 pin Protection Block Assembly is a specially designed product that is equipped with a 100 pair 5 pin Protection Block with Tip and Ring gold pin sockets.

The assembly also comes with 16 single in-line header gold pin connectors mounted to a multilayered printed circuit board.

Connectorizing the protection assembly allows for quick installations into many different applications with the same part. This significantly lowers your inventory count and increases your volume per part number.

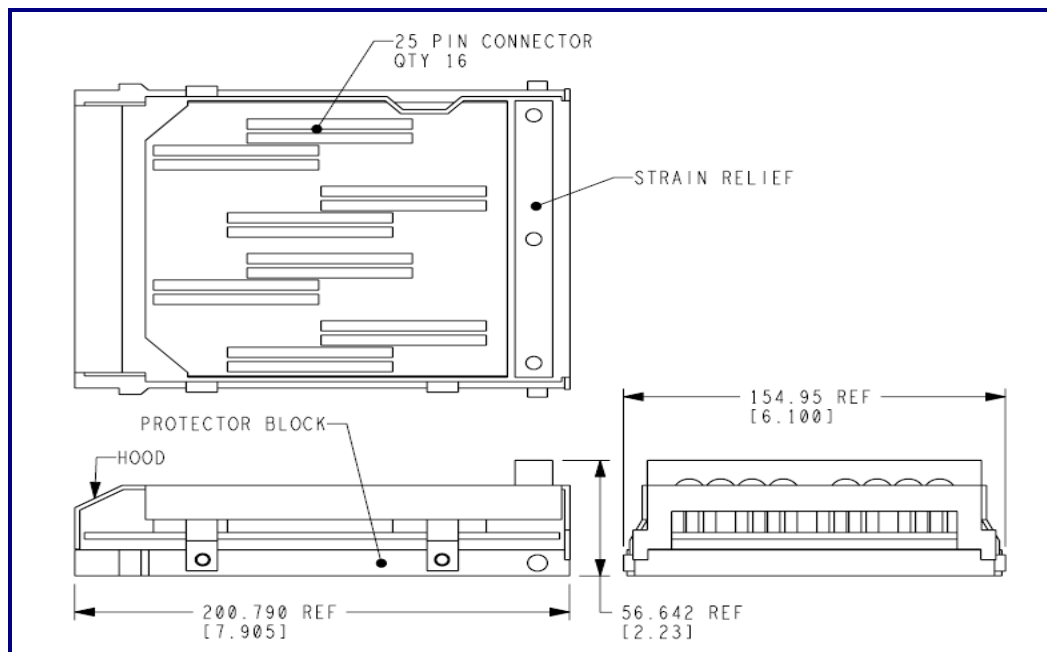
Varied cable lengths with an unlimited amount of different connectors can be built and quickly installed on the protection assembly in minutes instead of many hours of wire wrapping each cable to the block.

### ACT 427 Protection Block Assemblies

- Available in 25, 50 and 100 pair blocks
- Custom block assemblies available in unlimited pair number and mechanical shapes
- Provides maximum reliability by removing all wire wraps
- Provides the highest quality installation of a protection block
- Provides maximum flexibility for equipment installations
- Easily serviceable in the field
- Gold pins and sockets used to ensure proper connections

## TECHNICAL INFORMATION:

All blocks meets Telcordia/Bellcore AU-349 (full report available upon request).



### PHYSICAL

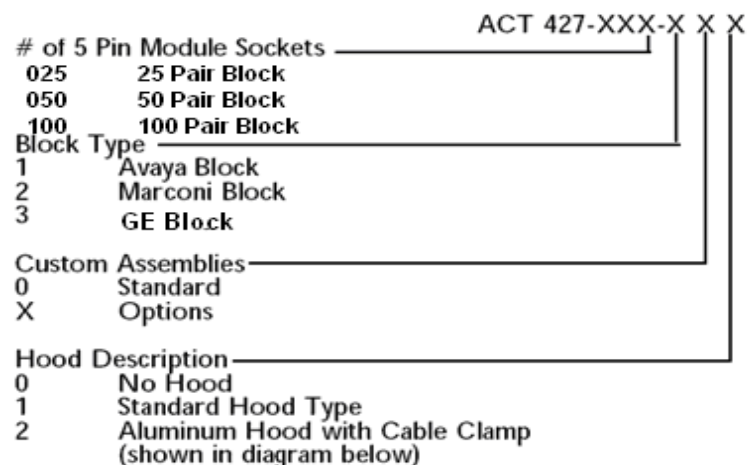
The ACT 427 is 7.9" long x 6.1" wide x 1.8" high. The Protection Block Assembly is constructed of a high quality 100 pair 5 pin protection block. The protection block is manufactured by the key wire wrap block manufacturers and the assembly meets all TELCORDIA / BELLCORE standard protection block requirements.

The multilayer printed circuit board is custom built to handle heavy transient current surges. It will out perform 24-28 awg wire wrap connections. The single in-line header connector is built with gold pins to ensure the best electrical connection. The aluminum hood provides protection to the connectors and the printed circuit board and serves as the cable strain relief tie point.

### ORDERING INFORMATION

To order the 427 Protection Block Assembly call ACT Communications Inc. at (903) 583-8097. The 427 is a complete assembly and will only need

external cables connected to it to be put into service.



Note: Cable assemblies and full OEM packages are available upon request. Cable assemblies are available using 3M and Molex connectors.