

TRAFFIC CONTROL / VEHICLE LOOP

HE6LC-6



DESCRIPTION

The HE6LC-6 is a modular device designed specifically to protect the signal inputs to the vehicle detector unit. Specially selected solid state clamping elements have been chosen for the electrical design of the HE6LC-6. These elements have been arranged in such a manner as to appear virtually invisible to the detector unit, while offering the maximum surge protection available on the market today.

The HE6LC-6 utilizes a 6 position 5.08mm Euroblock style connector. A single unit is used to protect two loop detectors. Installation of these devices should be as close to the point where the detector loop wires enter the cabinet.

SPECIFICATIONS

Peak Surge Current (6 times)	
Diff. Mode.....	400A (8x20uS)
Com. Mode.....	1000A (8x20uS)
Occurrences.....	500 @ 200A (8x20uS)
Response Time.....	<5nS
Input Capacitance.....	<20pF
Temperature.....	-40 to 85°C
Weight.....	<3 Oz.
Operation Voltage.....	14V
Clamp Voltage	
Diff. Mode (@ 400A).....	27V
Com. Mode (@ 1000A).....	35V
SPD Technology.....	Sidactor

FEATURES

- Total Solid State Design
- Epoxy Encapsulated
- Designed for Digital Loop Detectors
- Recovers Automatically
- Designed for 6 position, 5.08mm sockets
- Compact In Size
- Easy Installation

Pin Out Configuration

