

FEATURES

- ✓ Silicon Avalanche Diode (SAD) design for nondegrading performance and protection
- ✓ Provides protection for both single and multiple circuits
- ✓ Designed for easy hardwire installation
- ✓ Rugged enclosure for harsh environments
- ✓ Provides unparalleled clamping performance for maximum equipment protection
- ✓ UL497B listed



PRODUCT DESCRIPTION

Using the highest quality Silicon Avalanche Diode (SAD) technology, the SURGE-LOOP is designed to protect your equipment from harmful power surges and transients.

The SURGE-LOOP series of products provides isolated power loop circuit protection in applications where higher current is required, such as fire alarm and security systems.

Note: This is an indent item, lead times may apply.

TECHNICAL SPECIFICATIONS

Signal line voltage Vpk	30
Clamping voltage Vpk	33
Leakage current maximum @ signal line voltage	20µA

Primary Technology	Bipolar Silicon Avalanche Diode (SAD)
Operating Frequency	DC to 30MHz
Response Time	<5 nanoseconds
Protected Lines	L1-L2-L3-L4-Gnd (all modes) Two pairs (four conductors)
Peak Pulse Energy Dissipation	10 Joules each mode
Interface	Wire clamp terminals
Current Rating	7A maximum
Series Impedence	<0.01 Ohms (<0.02 Ohms/pair)
Enclosure Size	50mm H x 76mm W x 38mm D
Operating Temperature	-40°C to +60°C
Weight	68g