SCT-A

Active Sealing Current Terminator

CPE/Premise Wiring

MDU Utility/Municipality



Tii Technologies Inc.

Corporate Headquarters: 141 Rodeo Drive Edgewood, NY 11717 Phone: 631.789.5000 Fax: 631.789.5063 Toll Free: 888.844.4720 sales@tiitech.com

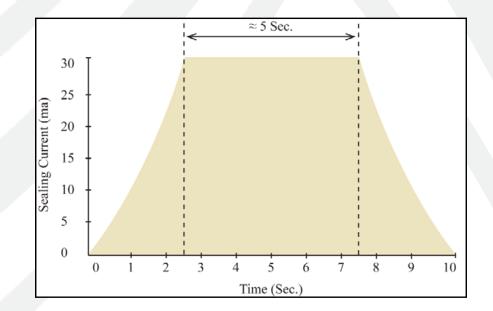
www.tiitech.com

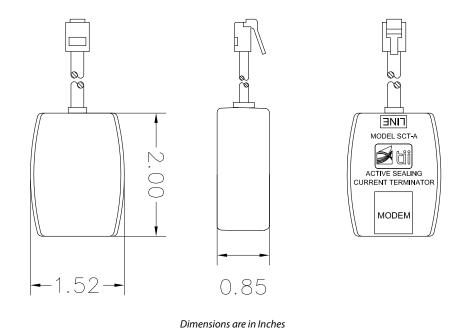


Tii's Active Sealing Current Terminator is a microprocessor controlled circuit that provides DC sealing current terminations to non telephone service DSL subscriber lines. It maintains network connection integrity by allowing current to flow through "DSL Only" service.

KEY PRODUCT BENEFITS

- The Active Sealing Current Terminator device incorporates a DSL low pass filter and eliminates any DSL signal attenuation
- Microprocessor turns on sealing current termination for a limited time once each day. This eliminates excessive drain on the central office power supply, yet keeps the circuit energized for the continuous circuit integrity
- During the time sealing current is not applied, the current drain from central office battery is less than 1 ma.
- Sealing current application is gradual. The current is increased slowly to eliminate any data errors that might happen otherwise. Similarly sealing current is gradually taken off the line at the end of sealing current duration





SPECIFICATIONS

Operating Voltage Range	30-60 Volts
Sealing Current @ 48 Volts	32 ma
Duration of Sealing Current (Approx.)	5 Seconds
Non Sealing Current Duration (Approx.)	24 Hours
Non Sealing Current Duration Current Drain	0.5 ma Typical
Line Side Differential Input Blocking Impedance	
@ 20 kHz	> 2 k
@ 30 kHz	> 3 k
Insertion Loss	
@ 40 kHz	> 45 dB
@ 1.1 MHz	> 45 dB

ORDERING INFORMATION

Model No.	Description	Standard Pkg.
SCT-A	Active Sealing Current Terminator	50 pieces - 0.0625 lbs. each

INFORMATION CONTAINED IN THIS PUBLICATION IS PROVIDED ONLY FOR YOUR CONVENIENCE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. TII TECHNOLOGIES MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, STATUTORY OR OTHERWISE, RELATED TO THE INFORMATION, INCLUDING BUT NOT LIMITED TO ITS CONDITION, QUALITY, PERFORMANCE, MERCHANTABILITY OR FITNESS FOR PURPOSE; AND TII TECHNOLOGIES DISCLAIMS ALL LIABILITY ARISING FROM THE USE OF THIS INFORMATION.