HUBBELL
Power Systems

C37.94-to-T1 Fiber Service Unit

By RFL Electronics
Catalog # C37.94/T1_FSU

HPS/RFLTM is proud to introduce the new C37.94-to-T1 Fiber Service Unit (FSU) to its FSU family of products. The new C37.94-to-T1 FSU is designed to convert any application devices with standard IEEE C37.94 compliant Short-Haul Fiber signals to an electrical T1 signal. The FSU allows for the conversion of up to two[2] C37.94 output devices. The C37.94 fiber interface comes also with a non-standard Single-mode LED as an option for longer distances. The FSU is manufactured for wall/panel mounting, however, a rack mounting option will be available with 1RU (1.75") 19" rack mount chassis.

Features

- C37.94 SHF DATA CHANNELS OVER T1 - Provides two independent IEEE C37.94 SHF Data. Channels over industry standard DS1 signal
- EASY CONNECTION TO EXISTING NETWORK - Connect your protective relaying devices to a SONET or Multi-Service platform or Leased T1 line without the need for expensive channel banks or access gateway device
- COST-EFFECTIVE SOLUTION - Low cost solution to interface C37.94 compliant protective relaying equipment to existing communications network via T1 interface
- C37.94 FIBER INTERFACES - Available in either Multi-mode or Single-mode fiber interface for either short or long distances
- RUGGED-DESIGN - Designed for harsh environments such as substations or exterior equipment buildings for wall mounting or with optional 1RU 19" rack mount chassis
- USER-FRIENDLY CONFIGURATION - No software needed to configure the unit making it easy to configure through front panel switches

Application

Electrical conversion

General

Catalog Number	C37.94/T1_FSU
Humidity	95% RH Non-Condensing @ 40°C
Operating Temperature	-20°C to +55 °C
Power Supply	48/125Vdc nominal

Dimensions

Cubic Capacity	99.8811 cu.in
Depth	11 in
Height	1.77 in
Width	5.13 in

Electrical Ratings

Contact Rating	100mA @ 300 Vdc

Product Assets

Brochures - C37.94/T1 FSU
Specifications - C3794T1_FSU