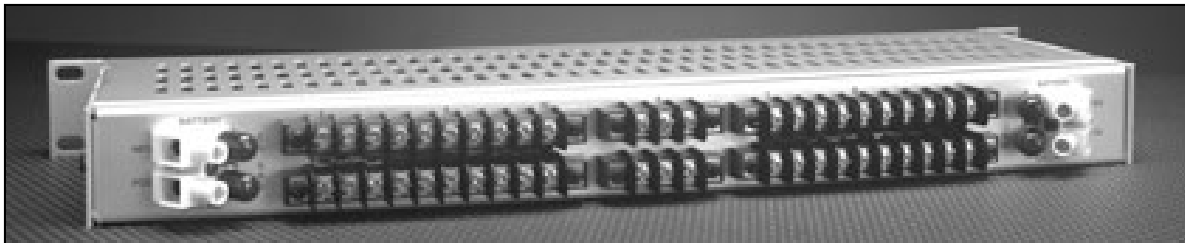


JUICE GOOSE™

TELECOMMUNICATIONS SERIES

TC – 1 FUSE & ALARM MODULE



GENERAL SPECIFICATIONS

The TC-1 is a 5 inch deep, rack mountable power distribution / fuse and alarm module which will distribute 48 volt DC through either one of two redundant master circuits. As a factory option the TC-1 can be configured to operate with 24 volt VDC. (The TC-2 is switchable to be field selectable as 48 or 24VDC.)

The unit features a terminal on the back of the chassis which can be used to activate normally open or normally closed remote alarms in the event one of the fuses is tripped. LEDs on the front of the unit light red to indicate when a fuse has tripped.

Each of the TC-1's two master circuits has a total current rating of 30 amps and features 10 fused circuits designed for up to 15 amp GMT type fuses. The power output connections are accessed on two 10 position screw terminal barrier strips on the back of the unit. The TC-1 operates with either positive or negative ground polarity.

A circuit label strip is attached horizontally at the top of the front panel to allow easy marking of each circuit application.

TC-1 features a superior strength chassis consisting of a main "unibody" in which the front, bottom and back are a single piece. The chassis top is easily removable should service of the unit ever be required. Strengthened side mounting brackets are reversible. In one position the front of the unit can be mounted flush with the front of the equipment rack. Or, the brackets can be reversed so the entire TC-1 is mounted in the front of the rack.

The very shallow, 5" chassis allows room behind the TC-1 unit for large cable runs. Ventilation holes have been maximized in the top and the bottom of the unit to allow increased convection air flow through the fuse and alarm module.

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TC-1 FUSE AND ALARM MODULE SPECIFICATION DETAIL

Rack Mounting	Single 1.75" space. Brackets for 19". Optional 23" brackets. Reversible brackets allow flush or forward mounting.
Dimensions	1.72" H x 19.00" W x 5.00" D
Chassis Material	
Main Chassis	0.08 Aluminum, Clear Anodized
Mounting Brackets	0.09 Aluminum, Clear Anodized
Voltage	48VDC (24VDC Optional)
Internal Wiring	
Main Power Bus	10AWG
Fused Connects	16 AWG
Polarity	Positive or Negative
Circuit Breaker	Two, 30 Amp DC
Fused Circuits	10 x 2 (Max 15 Amp GMT Type)
Power Inlet	Screw Down, Barrel Lug Terminal Block
Power Output	Two 10 Position Screw Lug Barrier Strips
Redundancy	Complete Duplication, Side A and Side B
Fuse Alarm	
Local	LED, Red, Bipolar, T 1 3/4
Remote	Normally Opened and Normally Closed Contacts 2FormC Relay

