

DESCRIPTION

UNIPower's TPS Fuse Panel provides a compact power distribution solution with high-capacity, current-interrupting fuses.

The TPS Fuse Panel has an input voltage requirement of +24V or -48V, accepts up to 20 fuses and has a maximum capacity of 600 amps. Each fuse holder requires one (1) main and one (1) alarm fuse (a 0.5 amp GMT fuse is recommended as the alarm fuse). A fuse alarm signal is available for extension to a separate alarm system.

The TPS Fuse Panel can be supplied with or without a 600A / 50mV shunt.

FEATURES

- ◆ 4RU High: 6.97"
- ◆ 23-Inch Rack Mounting
- ◆ Current Capacity: 600A
- ◆ Operating Voltage: +24 or -48VDC
- ◆ 20 x TPS Fuses - 3A to 70A
- ◆ LED Alarm Indicator
- ◆ Form C Relay Contacts
- ◆ Spare Fuses May Be Stored In Each Fuse Block Handle

TWO-YEAR WARRANTY

SAFETY COMPLIANCE

UL60950-1 2nd Ed.
CSA22.2, No. 950-1 2nd Ed.
EN60950-1 2nd Ed.



AVAILABLE CONFIGURATIONS

VOLTAGE	SHUNT	FUSE ALARM	FUSE HOLDERS	PART NUMBER
+24VDC or -48VDC	none	Yes	20	111-3783-00
	600A		20	111-3783-10

Note: See alarm board wiring detail to select desired voltage

AVAILABLE TPS FUSES

PART NUMBER	AMPS	PART NUMBER	AMPS
280.1413.00	3	280.1428.00	25
280.1414.00	5	280.1431.00	30
280.1416.00	6	280.1433.00	40
280.1419.00	10	280.1436.00	50
280.1422.00	15	280.1439.00	60
280.1425.00	20	280.1442.00	70

ALARM FUSE

PART NUMBER	AMPS
280.0700.00	0.5A GMT

NOTE: All fuses must be ordered individually.

SPECIFICATIONS

Typical at 25°C Unless Otherwise Noted.

INPUT / OUTPUT

Fuse Rating	3A to 70A
Panel Capacity	600A
Fuse Configuration	20 TPS Fuses
Alarm Fuses	GMT (recommended 0.5A)
Voltage	
-48V Nominal.....	42-60VDC
+24V Nominal.....	21-30VDC

ALARMS

Alarm Indicator	Red LED
LED Status	OFF = Normal ON = Alarm
Alarm Connections	Form C Relay Contact

SAFETY STANDARDS (compliance with)UL60950-1 2nd Ed.
CSA22.2 No.60950-1 2nd. Ed.
EN60-950-1 2nd Ed.

ENVIRONMENTAL

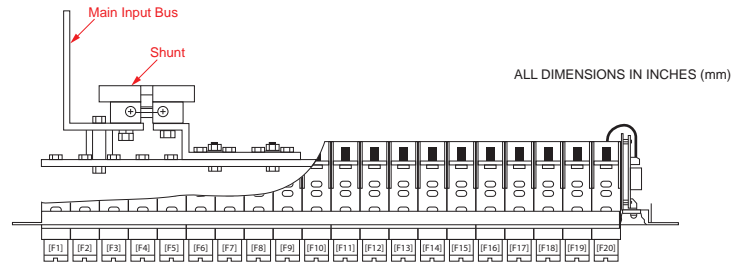
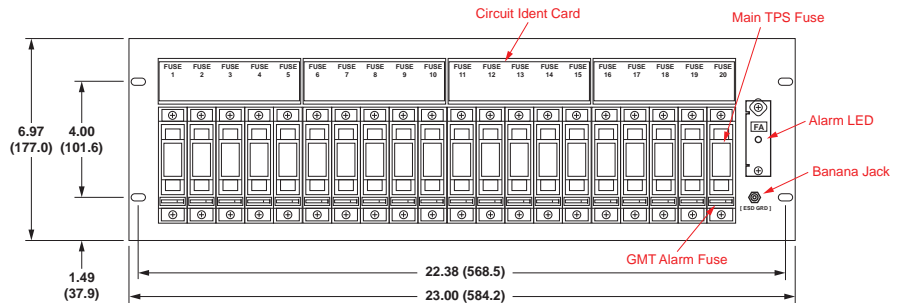
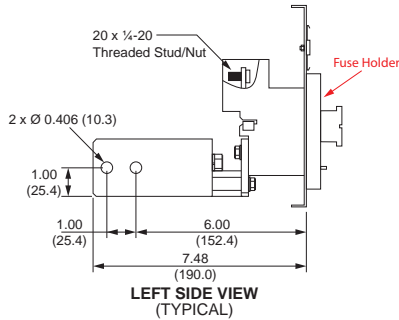
Operating Temp. Range	-10°C to +70°C
Storage Temp. Range.....	-40°C to + 85°C
Humidity.....	0% to 95%, Non-Condensing

PHYSICAL SPECIFICATIONS

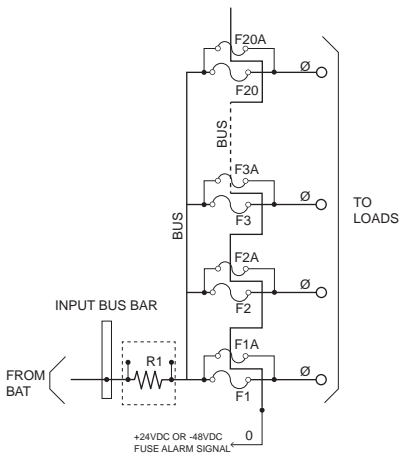
Panel Material.....	Steel
Finish	Powder Coat Gray
Dimensions, Inches (mm).....	6.97 H x 23.00 W x 7.48 D (177.0 x 584.2 x 190.0)
Weight	16.0 lbs. (7.3 kg.)
Rack Mounting Width	23 Inches

CONNECTIONS

Input Connections.....	Accepts 2-hole lug (3/8" Hdw, 1" C-to-C)
Output Connections.....	1/4" - 20 Threaded Studs/Nuts
Chassis Ground Connection (ESD).....	Banana Plug
Alarm Connections	Compression/Screw Terminals



SCHEMATIC



ALARM BOARD WIRING DETAIL

