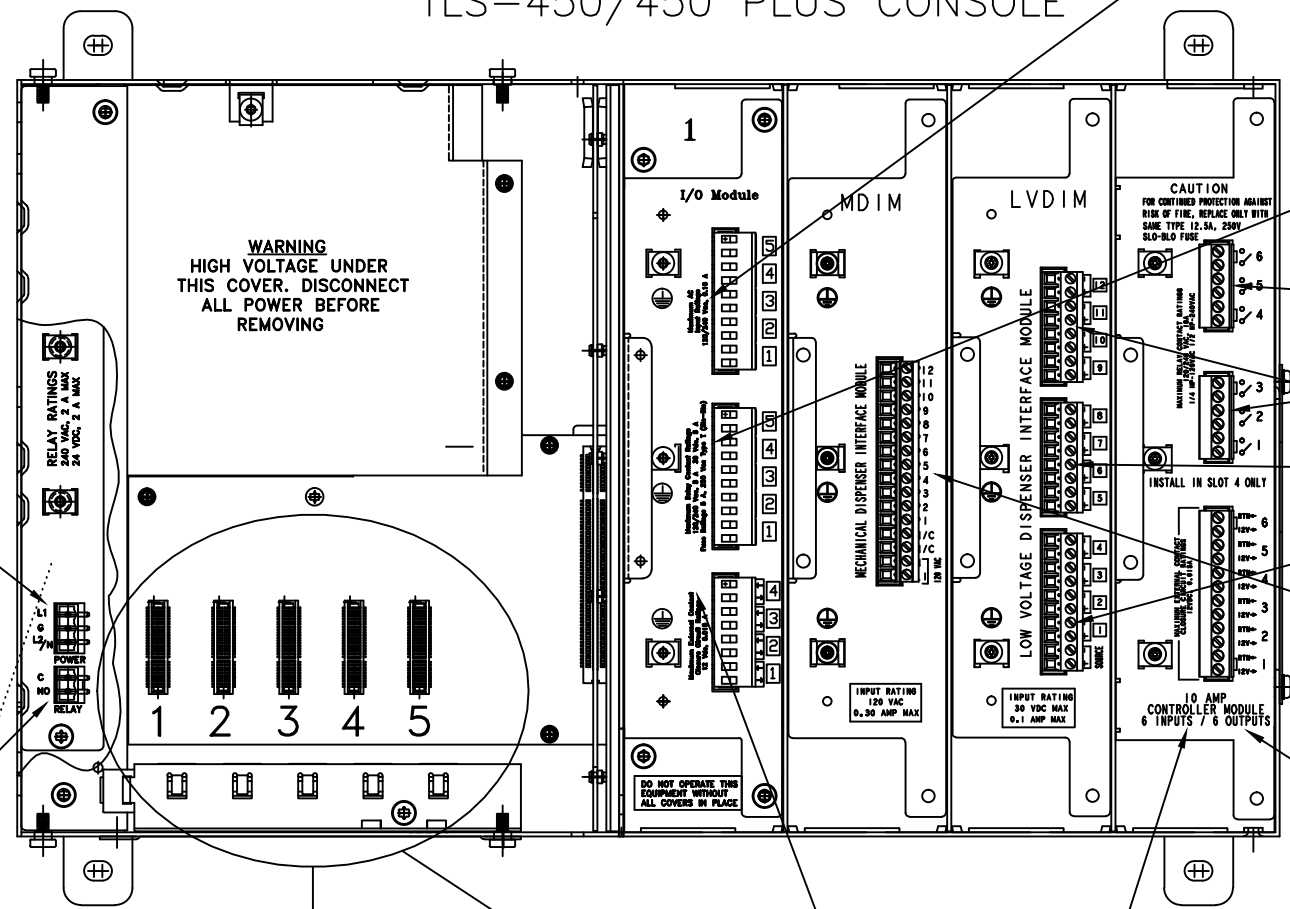


# DESCRIPTION

THIS DRAWING DESCRIBES THE INTRINSICALLY SAFE EQUIPMENT AND ASSOCIATED APPARATUS THAT TOGETHER FORM AN INTRINSICALLY SAFE SYSTEM.

TLS-450/450 PLUS CONSOLES ARE IDENTIFIED BY FORM NUMBERS 8600. A TLS-450/450 PLUS CONSOLE CANNOT BE CONNECTED IN PARALLEL WITH ANOTHER TLS-450/450 PLUS OR ANY OTHER ASSOCIATED APPARATUS. TLS-450/450 PLUS CONSOLES AND OPTIONAL EXPANSION BOXES MUST BE INSTALLED IN INDOOR NON-HAZARDOUS AREAS.

## TLS-450/450 PLUS CONSOLE



AC POWER INPUT CONNECTOR  
120/240 Vac,  
50/60 Hz,  
2A maximum

OVERFILL ALARM RELAY CONNECTOR  
120/240 Vac,  
2A maximum

Maximum AC Input Ratings  
120/240 Vac, 0.10 A

Maximum Relay Contact Ratings  
120/240 Vac, 5 A 30 Vdc, 5 A  
Fuse Ratings  
5 A, 250 Vac Type T (Slo-Blo)

Maximum Relay Contact Ratings  
120/240 Vac, 10 A, 1/4 HP-120 VAC  
1/2 HP-240 VAC  
Fuse Ratings  
12.5 A, 250 V Type T (Slo-Blo)

Maximum DC Input Ratings  
30 VDC, 0.1 A  
Class 2 Circuits

Maximum AC Input Ratings  
120/240 Vac, 0.30 A

Each Console Is Limited to a Maximum of One 10 Amp Dispenser Controller Module. FOR USE IN SLOT 4 ONLY

Maximum External Contact Closure Circuit Ratings  
12 Vdc, 0.015 A  
Class 1 wiring is required for these 12 Volt contact closure circuits.

## TLS-450 CONSOLE

COMM MODULES	PERMISSABLE SLOT(S)
SITEFAX MODEM MODULE	1, 2 OR 3
USB MODULE	5 ONLY
USB/ETHERNET MODULE	5 ONLY
ETHERNET MODULE	4 OR 5
SINGLE SERIAL PORT MODULE	1, 2 OR 3
DUAL SERIAL PORT MODULE	1, 2 OR 3
ELECTRONIC DISPENSER INTERFACE MODULE (EDIM)	1, 2 OR 3
CURRENT LOOP DISPENSER INTERFACE MODULE (CDIM)	1, 2 OR 4
NOTE: Limited single port capability in slot 3.	

## TLS-450 PLUS CONSOLE

COMM MODULES	PERMISSABLE SLOT(S)
SITEFAX MODEM MODULE	1, 2 OR 3
USB/WIRELESS MODULE	5 ONLY
ETHERNET INTERFACE MODULE	4 ONLY
SINGLE SERIAL PORT MODULE	1, 2 OR 3
DUAL SERIAL PORT MODULE	1, 2 OR 3
ELECTRONIC DISPENSER INTERFACE MODULE (EDIM)	1, 2 OR 3
CURRENT LOOP DISPENSER INTERFACE MODULE (CDIM)	1, 2 OR 4
NOTE: Limited single port capability in slot 3.	

## CIRCUIT BREAKER PANEL

