

Multi Purpose Level Controls For Steam and Hydronic Applications

Series 750B

Conductance Actuated Level Controls

- For commercial or industrial applications
- Low water cut-off, pump on, pump off, or high level alarm
- 24 VAC and 120 VAC models
- Panel and plug-in modular mount electronics
 - LWCO
 - Feed Water/Pump Control
- Automatic or manual reset option on each board
- Maximum circuit board ambient temperature 150°F (51°C)
- 26,000 ohm sensitivity
- Manual reset models meet the requirements of **ASME Standard CSD-1**. If the control is in a low water condition when there is an interruption of power, the control will remain in a low water condition when power is restored. The reset button will need to be pressed when the water level is restored to a level above the probe to allow the burner to fire.

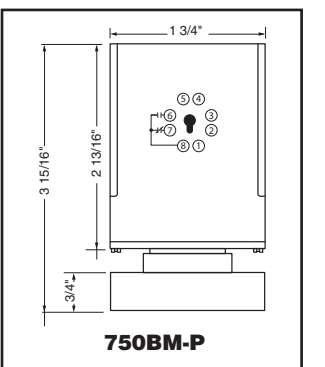
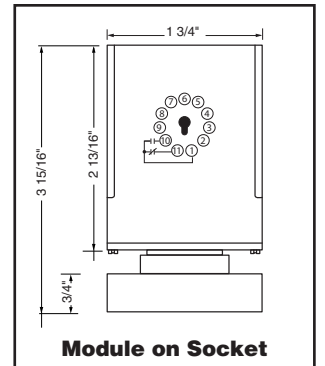
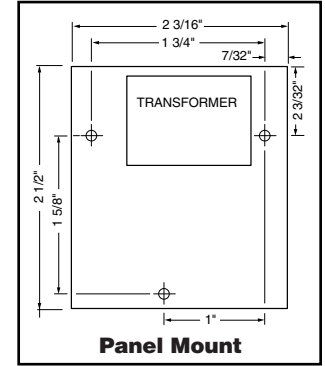
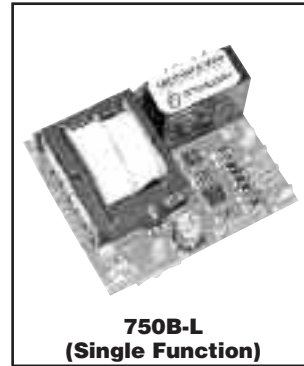
Ordering Information

1. Select and order panel mount or plug-in module 750B control unit.
 2. Select and order appropriate chamber based on the number of levels to be sensed.
- (Order sensor chamber and probes separately (see page 72-75))

Model Number	Part Number	Description	Weight lbs. (kg)
Panel Mount			
750B-L-24-C-03	176300	Low water cut-off	0.5 (0.2)
750B-L-120-C-03	176302	Low water cut-off	0.5 (0.2)
750B-P-120-CI	176304	Pump controller	0.5 (0.2)
Plug-In Module			
750BM-L-24-C-03	176305	Low water cut-off	0.6 (0.3)
750BM-L-120-C-03	176307	Low water cut-off	0.6 (0.3)
750BM-P-120-CI	176309	Pump controller	0.6 (0.3)
Plug-In Module Sockets			
750BM-8PS	176310	Eight pin socket (for "P" models)	0.3 (0.1)
750BM-11PS	176311	Eleven pin socket (for "L" models)	0.3 (0.1)

Electrical Ratings

Model	Voltage	Switch Contact Ratings	
		Full Load	Locked Rotor
24 VAC	24 VAC	—	—
120 VAC	120 VAC	7.2	43.2
	240 VAC	3.75	21.6

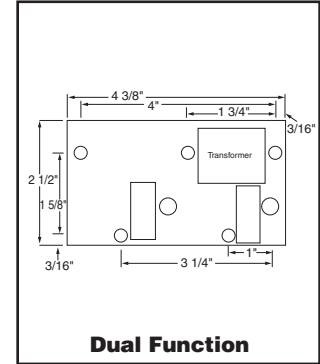
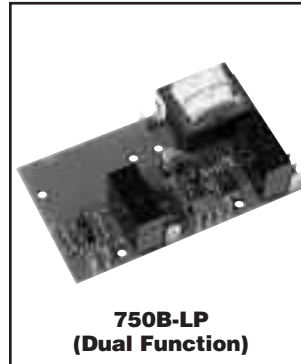


Multi Function Controls

750B-LP

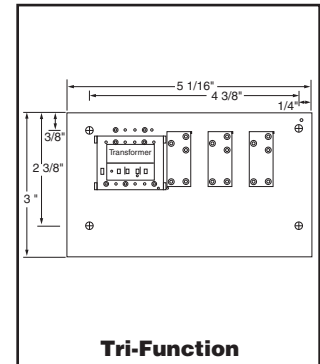
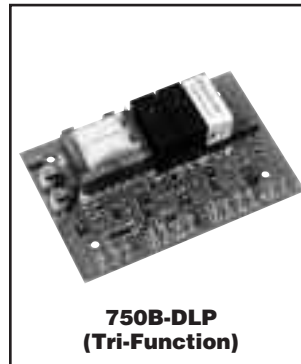


Combines 1-Level relay action with a differential 2 level relay on one board for pump/feeder and cut-off/alarm.



750B-DLP

Combines (2) 1-Level relay action with a differential 2-level relay on one board for both high and low or redundant low water cut-off/alarm and pump/feeder. Direct replacement for obsolete LPC 2000 control.



Ordering Information

1. Select and order panel mount or plug-in module 750B control unit.
 2. Select and order appropriate chamber based on the number of levels to be sensed.
- (Order sensor chamber and probes separately (see page 72-75))

Model Number	Part Number	Description	Weight lbs. (kg)
Panel Mount			
750B-DLP-120-CI-03	176314	Dual LWCO & Pump controller	0.6 (0.3)
750B-LP-120-CI-03	176312	LWCO & Pump controller	0.6 (0.3)
Mounting Accessories			
Adaptor-750	176320	PCB adaptor plate kit	0.3 (0.1)
750B-ENC	176345	NEMA 1 enclosure includes adaptor plate	1.9 (0.9)



Electrical Ratings

Model	Voltage	Switch Contact Ratings	
		Full Load	Locked Rotor
120 VAC	120 VAC	7.2	43.2
	240 VAC	3.75	21.6