

## Power Switching Power Transfer Switch (PTS) Manual Bypass Switch



Myers EPS offers a combination of several power switching options - a Power Transfer Switch (PTS), a Manual Bypass Switch (MBPS) or a combination PTS/MBPS. Each allows for maintenance or removal of the UPS without turning off power to the system of intersection.

### POWER TRANSFER SWITCH (PTS)

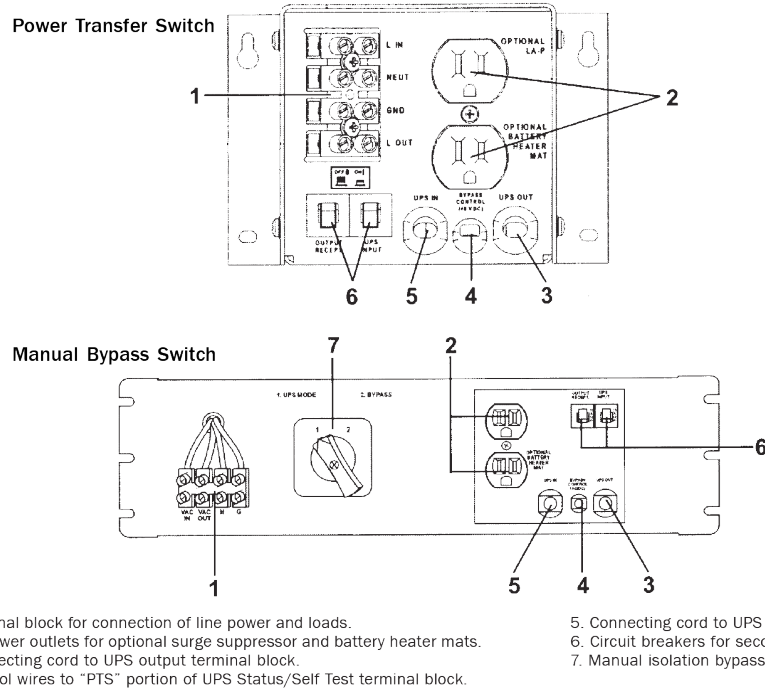
- ◇ Allows the UPS to be removed for maintenance or replacement without turning off the loads.
- ◇ Provides for uninterrupted operation of the intersection during routine maintenance.
- ◇ Transfer time of <50ms.
- ◇ Input voltage: 100-130 VAC/40 amps
- ◇ Terminal block provided for line power and loads (input and output).
- ◇ 5-15R Receptacles provide auxillary AC power (required for optional line suppressor or battery heater mats).
- ◇ Individual circuit breakers for auxillary output and UPS input power.
- ◇ Bracket provided for wall mounting.
- ◇ Convection cooled.



### PTS/MANUAL BYPASS SWITCH

- ◇ Includes all features and functions of the Power Transfer Switch.
- ◇ Manual Isolation Bypass Switch allows both UPS and PTS functions to be isolated for complete maintenance or removal without turning off loads.
- ◇ Manual switch transfer time of <5ms.
- ◇ Available in rack mount configuration for Type 170 cabinets (P/N 722535M).
- ◇ Available in shelf mount configuration for NEMA cabinets (P/N 722534M)

# SPECIFICATIONS



INPUT	VOLTAGE RANGE	CURRENT
	100 - 130 VAC (120 NOM)	40 A Resistive

TRANSFER TIME	PTS	MANUAL BYPASS SWITCH
	<50 ms	<5 ms

MECHANICAL	PTS MOUNTING	INPUT CONNECTION	OUTPUT CONNECTION	COOLING
	Wall Mount, 4 Points	Terminal Block	Terminal block w/Aux 5/15R reeptacles	Convection (Approx. 7W contractor coil dissipation)

DIMENSIONS	UNIT	WIDTH (INCHES, MM)	HEIGHT (INCHES, MM)	DEPTH (INCHES, MM)	WEIGHT (LBS, KG)
	Power Transfer Switch	4.75 / 121	4.6 / 117	6.5 / 165	7 / 3
	Manual Bypass Assembly - TYPE 170	19 / 483	5 / 127	5.13 / 130	5.7 / 2.6
Manual Bypass Assembly - NEMA	9.5 / 241	11 / 279	4.5 / 114	8.3 / 3.8	