

Phase Angle Control to 50A L Series LPC



FEATURES:

- Suitable for inductive loads
- True linear output phase angle control
- Line voltage compensation
- Selectable Soft Start
- Automatic 50/60Hz operation
- Adjustable voltage limit option Prefix (LPCVL)
- LED input status indicator standard
- Selectable Input
- Relays approved to the following: UL, CSA, VDE and CE
- Solid State Relay Assemblies rated to 50A/Pole @ 40° C (100% duty cycle)

OUTPUT SPECIFICATIONS		
	LPC-90HDL	LPC-690HDL
Operating Voltage (47-63 Hz) [Vrms]	48-530	48-660
Load Current Range [Arms]	.04-50	.04-50
Transient Overvoltage [Vpk]	1200	1200
Max. Surge Current, (16.6ms) [Apk]	1200	1200
Max. On-State Voltage Drop [Vpk]	1.7	1.7
Max. Turn-on Time	1/2 cycle	1/2 cycle
Max. Turn-off Time	1/2 cycle	1/2 cycle
Max. I ² t for fusing (8.3mS)	6000	6000
Max. Off-State Leakage Current [mArms]	10	5
Power Factor (Min.) with Max. Load	0.5	0.5

INPUT SPECIFICATIONS

0-10VDC
0-5VDC
2-10VDC
1-5VDC
4-20mA
0-20mA
Potentiometer
0-135Ω

Note:

24V AC Power Supply
on same Phase as controller
REQUIRED

OPTIONS:

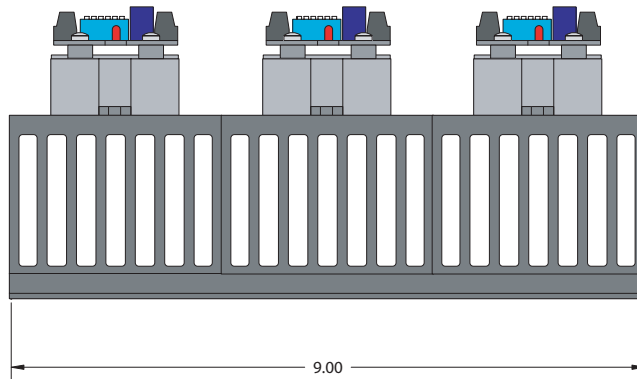
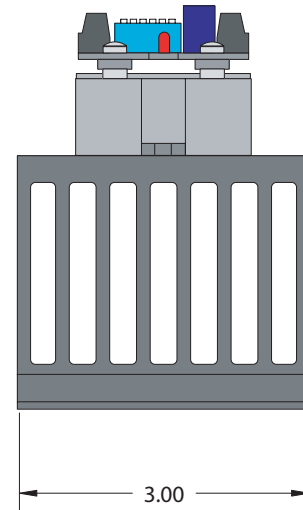
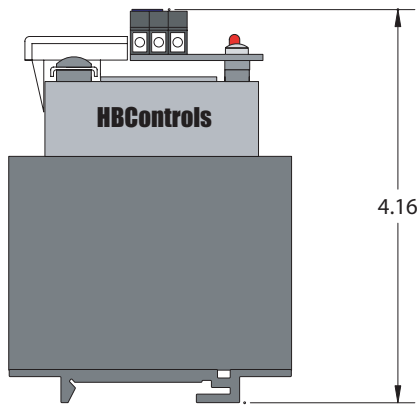
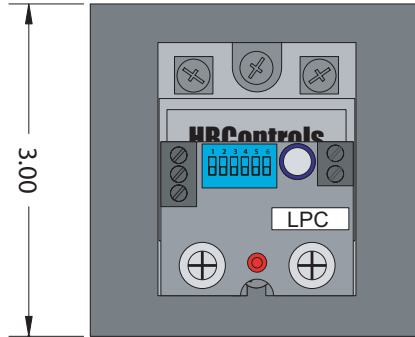
-3 3 Phase / 3 Pole configuration
-M MOV - Transient voltage suppression
-P Internal transient voltage suppression
-TP Through panel-mount
-PM Panel Mount
-ND No DIN Clip

ACCESSORIES

PS-120 120V to 24V AC power supply (1.5VA)
PS-240 240V to 24V AC power supply (1.5VA)
PS-480 480V to 24V AC power supply (1.5VA)

For 3 Phase version of PS add -3

Phase Angle Control to 50A L Series LPC



**3 Phase/
3 Pole
(-3 Option)**