

Phase Angle Control to 25A S 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 25A/Pole @ 40° C (100% duty cycle)

OUTPUT SPECIFICATIONS	LPC-25DS	LPC-25HDS	LPC-625HDS	LPC-50DS	LPC-50HDS	LPC-650HDS
Operating Voltage (47-63 Hz) [Vrms]	24-280	48-530	48-660	24-280	48-530	48-660
Load Current Range [Arms]	.04-15	.04-15	.04-15	.04-25	.04-25	.04-25
Transient Overvoltage [Vpk]	600	1200	1200	600	625	1200
Max. Surge Current, (16.6ms) [Apk]	250	250	250	625	625	625
Max. On-State Voltage Drop [Vpk]	1.6	1.7	1.7	1.6	1.7	1.7
Max. Turn-on and Turn-off Time	1/2 cycle	1/2 cycle	1/2 cycle	1/2 cycle	1/2 cycle	1/2 cycle
Max. I ² t for fusing (8.3mS)	260	260	260	1620	1620	1620
Max. Off-State Leakage Current [mArms]	10	10	5	10	10	5
Power Factor (Min.) with Max. Load	0.5	0.5	0.5	0.5	0.5	0.5

INPUT SPECIFICATIONS

0-10VDC
 0-5VDC
 2-10VDC
 1-5VDC
 4-20mA
 0-20mA
 Potentiometer
 0-135Ω (Change prefix to: LPC35-)
 Pulse Width Modulation (Change prefix to: LPCPW-)

Note:

24VAC Power Supply
 on same Phase as controller
 REQUIRED

OPTIONS:

- 3 3 Phase / 3 Pole configuration
- M MOV - External 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

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