

Pow-R-Command™ 3000 Lighting Power Reduction Panel

Instruction Leaflet IL01412023E



Contents

Introduction	1
Specifications	2
Mounting	2
Wiring	3
Programming	4
Warranty	4

INTRODUCTION

- The PRC3000 Lighting Power Reduction Panel is an energy-saving device for use with new or existing fluorescent lighting systems. By conditioning the incoming power wave, it reduces electrical consumption with negligible foot-candle loss at savings up to 15%.
- Installation is accomplished by “splicing” the PRC3000 Lighting Power Reduction Panel in between the supply feeder and the lighting panel. The PRC3000 Lighting Power Reduction Panel conditions the power for all of the fluorescent lightings controlled by the lighting panel. It is suitable for three-phase or single-phase systems.
- The greatest savings are achieved when the PRC3000 Lighting Power Reduction Panel is used with the T8 ballasts. It is compatible with generators.
- The PRC3000 Lighting Power Reduction Panel is controlled with the PRC3000 Lighting Power Reduction Panel Energy Manager Software provided. This software is compatible with the Windows® family of operating systems. The software controls each phase independently and allows the user to program lighting changes as timed events and/or turn all lights associated with each of the three phases on and off.
- For safety, the PRC3000 Lighting Power Reduction Panel is UL® and cUL® listed.
- The PRC3000 Lighting Power Reduction Panel drops consumption, maintains light levels and offers a great ROI.
- The PRC3000 Lighting Power Reduction Panel



MOST EFFICIENT USE OF ENERGY

| 100 Executive Drive, Suite 390 | West Orange, NJ 07052 | Tel 800.781.1232 | Fax 973.243.0887
 8001 Irvine Center Drive, Suite 400 | Irvine, CA 92618



Specifications

TABLE 1. VOLTAGES AND CAPACITIES

MODEL NUMBER	CAPACITY	VOLTAGE
PRC3000-60-120	60 Amperes, 3-Phase	120/208
PRC3000-60-277		277/480
PRC3000-100-120	100 Amperes, 3-Phase	120/208
PRC3000-100-277		277/480
PRC3000-200-120	200 Amperes, 3-Phase	120/208
PRC3000-200-277		277/480

TABLE 2. MAXIMUM NUMBER OF FIXTURES PER PRC3000 LIGHTING POWER REDUCTION PANEL

MODEL NUMBER	NUMBER OF FIXTURES (2 X 32 W LAMPS)	NUMBER OF FIXTURES (4 X 32 W LAMPS)	NUMBER OF FIXTURES (6 X 32 W LAMPS)
PRC3000-60-120	300	150	100
PRC3000-60-277	690	345	220
PRC3000-100-120	500	250	165
PRC3000-100-277	1150	575	380
PRC3000-200-120	1000	500	330
PRC3000-200-277	2300	1150	765

TABLE 3. DIMENSIONS AND WEIGHTS — IN INCHES (MM) AND LBS (KG)

MODEL NUMBER	DIMENSIONS (W X H X D)	WEIGHT
PRC3000-60-120	11.00 x 16.75 x 12.00	52 (24)
PRC3000-60-277	(279.4 x 425.5 x 304.8)	
PRC3000-100-120	27.00 x 19.00 x 9.00	85 (39)
PRC3000-100-277	(685.8 x 482.6 x 228.6)	
PRC3000-200-120	27.00 x 21.00 x 12.75	148 (67)
PRC3000-200-277	(685.8 x 533.4 x 323.9)	

TABLE 4. ELECTRICAL CONDUCTOR TORQUE SPECIFICATION

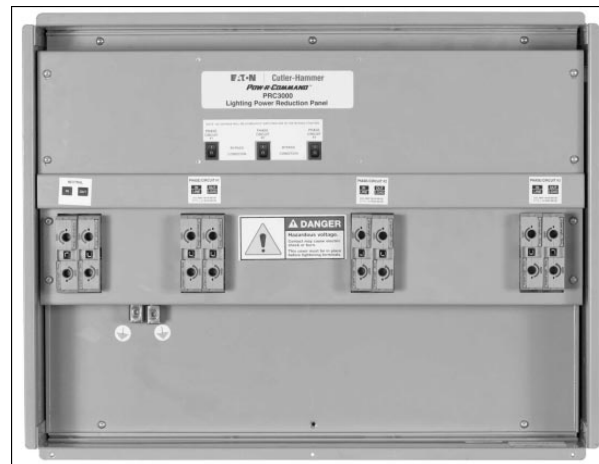
MODEL NUMBER	TORQUE
PRC3000-60-120	35-50 in-lb
PRC3000-60-277	
PRC3000-100-120	70 in-lb
PRC3000-100-277	
PRC3000-200-120	175 in-lb
PRC3000-200-277	

Mounting

Installation: Installation is accomplished by “splicing” the PRC3000 Lighting Power Reduction Panel in between the supply feeder and the lighting panel. The PRC3000 Lighting Power Reduction Panel conditions the power for all of the lights controlled by the lighting panel. Suitable for three-phase or single-phase systems.

CAUTION

WARRANTY WILL BE VOIDED IF UNIT IS DISASSEMBLED.



MOST EFFICIENT USE OF ENERGY

| 100 Executive Drive, Suite 390 | West Orange, NJ 07052 | Tel 800.781.1232 | Fax 973.243.0887
 8001 Irvine Center Drive, Suite 400 | Irvine, CA 92618

