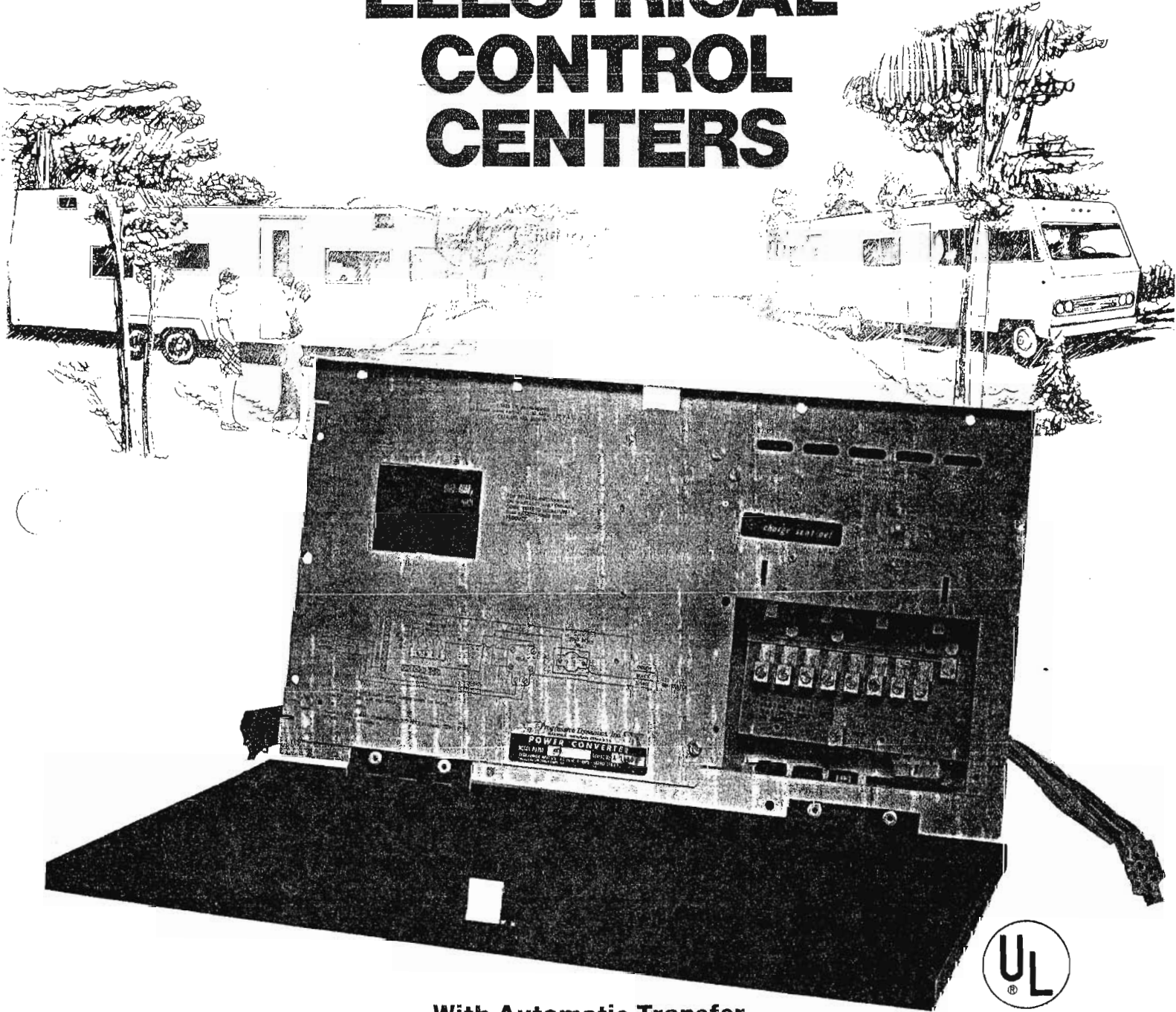




**Progressive Dynamics**

# **7500 AND 7700 SERIES ELECTRICAL CONTROL CENTERS**



**With Automatic Transfer  
From Power Cord To Generator\***

*C.S.A. certified units are available.*

**The Perfect Choice For Medium to Large  
Recreational Vehicles Equipped With Generators**

*\*Automatic transfer occurs approximately 60 seconds after generator is started.*

# 7500 SERIES SPECIFICATIONS

MODEL	DC OUTPUT	DC OUTPUT FUSES	AC BREAKERS POWER CORD	AC BREAKERS POWER CORD	AUTOMATIC CHANGE OVER	AUTOMATIC TRANSFER RELAY	BATTERY CHARGER	DOOR	UNIT SIZE	WGT.
PD 753000	27 AMPS	MAXIMUM OF 8	MAXIMUM OF 6	NONE	STANDARD	STANDARD	9 AMP STANDARD	BLACK STD (BROWN OPT)	19 1/2" x 23 1/2" x 10 1/2"	40 LBS
PD 754000	35 AMPS									
PD 755000	40 AMPS									
PD 756000	50 AMPS									

# 7700 SERIES SPECIFICATIONS

MODEL	DC OUTPUT	DC OUTPUT FUSES	AC BREAKERS POWER CORD	AC BREAKERS POWER CORD	AUTOMATIC CHANGE OVER	AUTOMATIC TRANSFER RELAY	BATTERY CHARGER	DOOR	UNIT SIZE	WGT.
PD 773000	27 AMPS	MAXIMUM OF 8	MAXIMUM OF 6	MAXIMUM OF 6	STANDARD	STANDARD	9 AMP STANDARD	BLACK STD (BROWN OPT)	19 1/2" x 23 1/2" x 10 1/2"	40 LBS
PD 774000	35 AMPS									
PD 775000	40 AMPS									
PD 776000	50 AMPS									

## OPTION DESIGNATIONS

Model numbers are designed to show which options are included with each unit ordered.

### EXAMPLE:

PD — 7 5 3 C 001 T       
 (1)       (2) (3) (4) (5) (6) (7) (8)

**(1)** Progressive Dynamics prefix

**(2)** 7000 series panelboard/power converter combination

**(3)** "5"—30 amp panelboard with commercial power to auxiliary generator transfer switch provided; no generator circuit breakers.

"7"—same as "5" but with generator circuit breakers

**(4)** Power Converter output rating

"3"—27 amp

"5"—40 amp

"4"—35 amp

"6"—45/50 amp

**(5)** "C"—CSA

**(6)** 001-999 individual circuit breaker and fuse ratings (internal code)

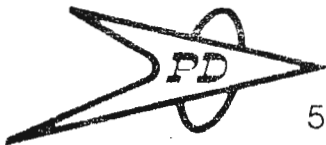
**(7)** "T" optional field wiring compartment provided

**(8)** No letter—standard black door

"Z"—brown door

"A"—no door

**For allowable combinations of circuit breakers—refer to ANSI 119.2 and CSA Standard C22.2 No. 148 or phone or write:**



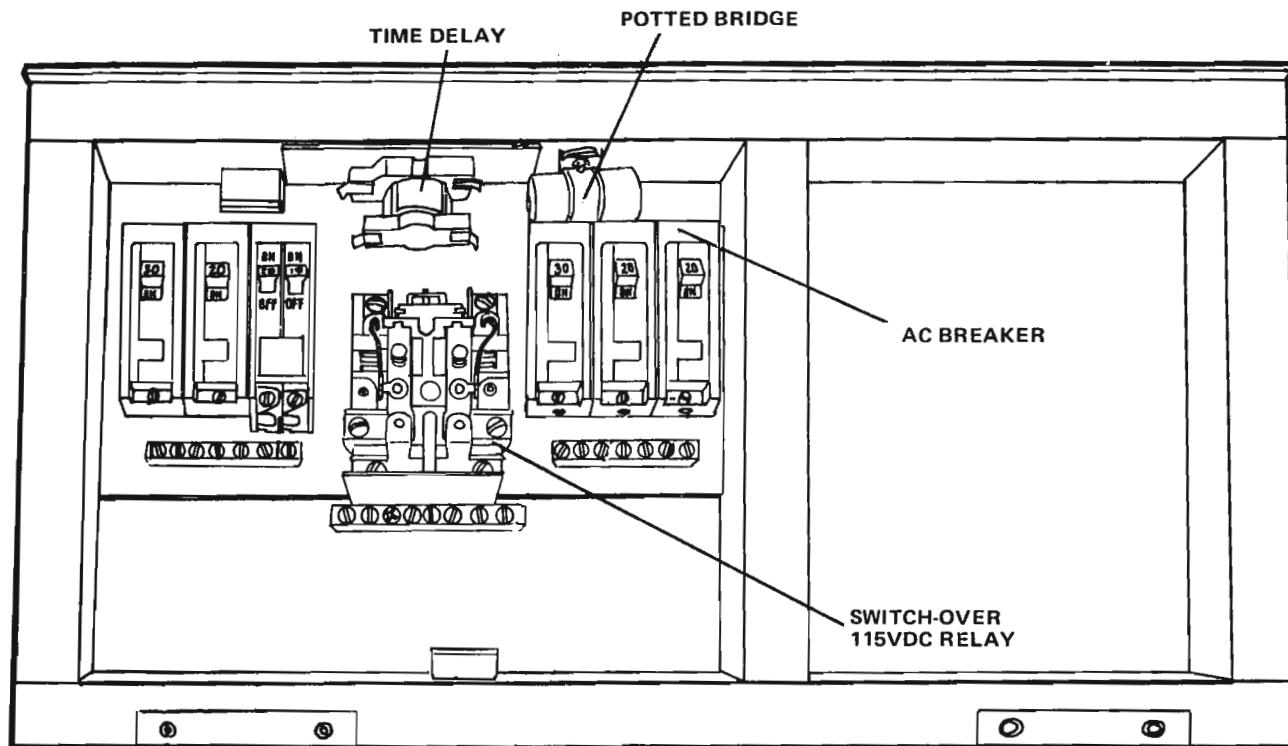
**Progressive Dynamics, Incorporated**

507 Industrial Road, Marshall, MI 49068

Phone: 616/781-4241

## 760 SERIES AUTOMATIC CHANGE-OVER SYSTEM

### CONVERTER FRAME AND TIME DELAY A.C. COMPARTMENT



The C in the 760 series converter indicates that the converter has an AUTOMATIC POWER CHANGE-OVER for the GENERATOR. When TROUBLE SHOOTING the converter REFER to the table below:

MODEL	SAME AS MODEL
763Q	733Q
764Q	734Q
765Q	735Q
767Q	737Q
768Q	738Q

**PROBLEM:** Generator Transfer does not switch.

With all 120 VAC power removed, check the wiring for loose connections and possible wiring errors.

With the 120 VAC panel cover removed, start up the generator using extreme caution. Observe if the switchover relay energizes when the generator starts running. If the relay does not energize, check to see if there is 115 VDC at the relay coil terminals. If not, replace the potted bridge. If there is 115 VDC at the coil terminal, replace the relay.

If the switchover relay energizes and you still do not get power into the system after approximately 90 seconds, then replace the time delay device. If the time delay is very short (30 seconds) or extremely long (120 seconds), it should be replaced for proper operation. Cold weather will cause this time to be longer.

If none of the above locates the problem, contact customer service.