BULLETIN PD1178 R2

POWER DELAY

SOLID STATE SYSTEM PREVENTS NUISANCE SHUTDOWNS

FORM 7658

- Compact Design
- Time Proven, Plug-In Components
- Simple Installation
- Multiple Load Capability

FORM 7658 POWER DELAY MODULE
With Cover Removed

The PROTECTION CONTROLS, INC. Form 7658 Power Delay Module is designed to prevent nuisance shutdowns due to momentary power failure or fluctuation.

Short power interruptions or fluctuations of less than a second may de-energize loads (valves, motor starters, relays, etc.) resulting in a system shutdown.

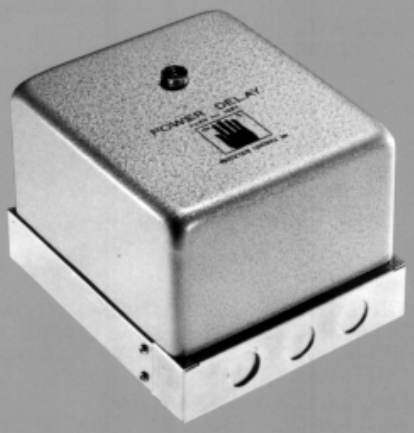
Loss of production or expensive product damage often results from power interruption.

The Form 7658 Power Delay Module applied to a circuit will compensate for this short power interruption. With power restored within a present time of a nominal 3.5 seconds, the load(s) will remain energized. Should power not be restored, the load(s) will be de-energized.

One Power Delay Module has sufficient capacity to power a complete valve train.

SPECIFICATIONS

Maximum ambient temperature	125°F
Voltage/ Frequency	120V AC ± 10%, 50-60 Hz
Power consumption	20VA
Rating	250VA maximum connected load
Response time	2 milliseconds
Trigger voltage	84VAC



ENCLOSED STYLE DIMENSIONS
6⅛"W x 7⅜"H x 5⅛"D

PROTECTION CONTROLS, INC.
ELECTRICAL SAFETY EQUIPMENT
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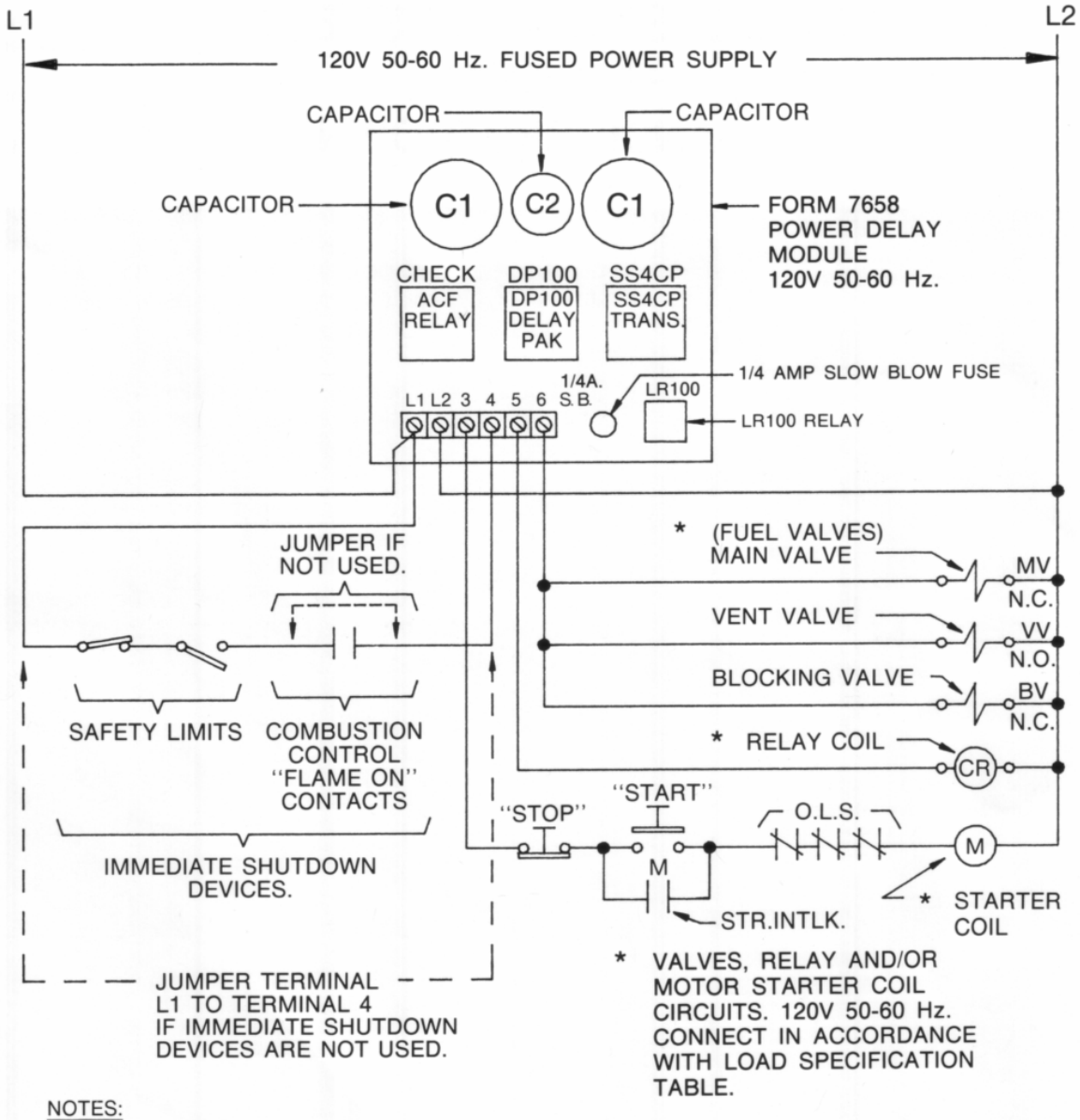
EFFECTIVE MID-OCTOBER, 1996
CHICAGO PHONE (773) 763-3110
SKOKIE AREA CODE REMAINS (847)

TYPICAL WIRING DIAGRAM FOR:

FORM 7658 POWER DELAY MODULE



NOTES:

1-LOADS CONNECTED IN ACCORDANCE WITH LOAD SPECIFICATION TABLE WILL REMAIN ENERGIZED FOR APPROXIMATELY 3.5 SECONDS FOLLOWING POWER INTERRUPTION.

2-ALL CONNECTED LOADS WITHIN SAME RESISTANCE RANGE SHOULD BE CONNECTED TO TERMINAL 3. TOTAL CAPACITY OF THE CONTROL SHOULD NOT BE EXCEEDED.

3-CONNECT LOADS OF DIFFERENT RESISTANCE RANGES IN ACCORDANCE WITH VALUES AND TERMINALS INDICATED ON LOAD SPECIFICATION TABLE.

4-CONNECTION OF LOADS HAVING DIFFERENT RESISTANCE RANGES TO THE SAME TERMINAL WILL CAUSE VARIED DELAYED DROP OUT FOLLOWING POWER INTERRUPTION. LOADS OF HIGHEST D.C. RESISTANCE WILL BE FIRST TO DROP OUT.

LOAD SPECIFICATIONS		
TERMINAL NO.	D.C. RESISTANCE RANGE	VA CAPACITY
3	90 OHMS OR OVER	125 VA
5	15 TO 90 OHMS	125 VA
6	5 TO 90 OHMS	125 VA
MAXIMUM CONNECTED LOAD NOT TO EXCEED 250 VA		

X-350

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