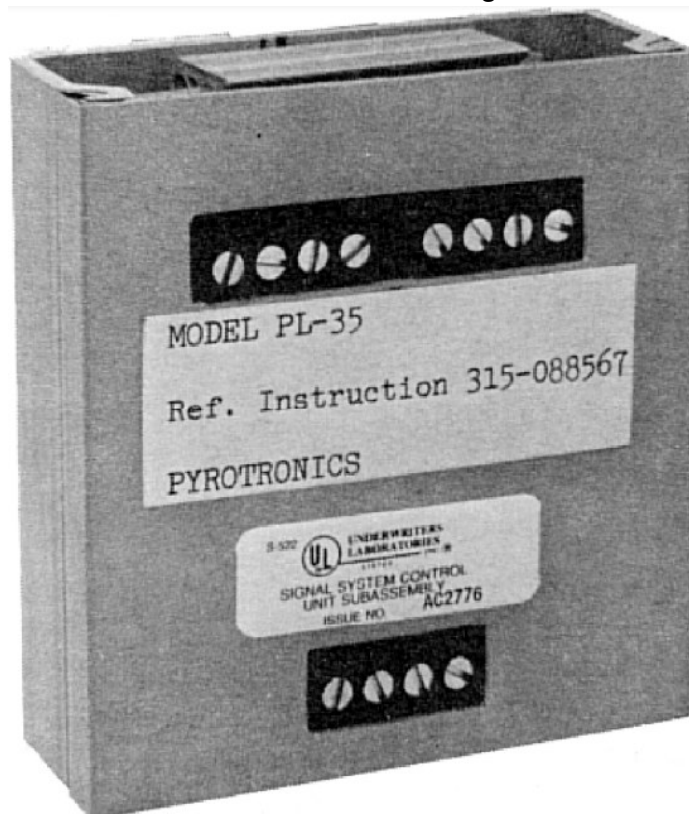




CERBERUS PYROTRONICS PL-35 Power Limiting Module Instruction Manual

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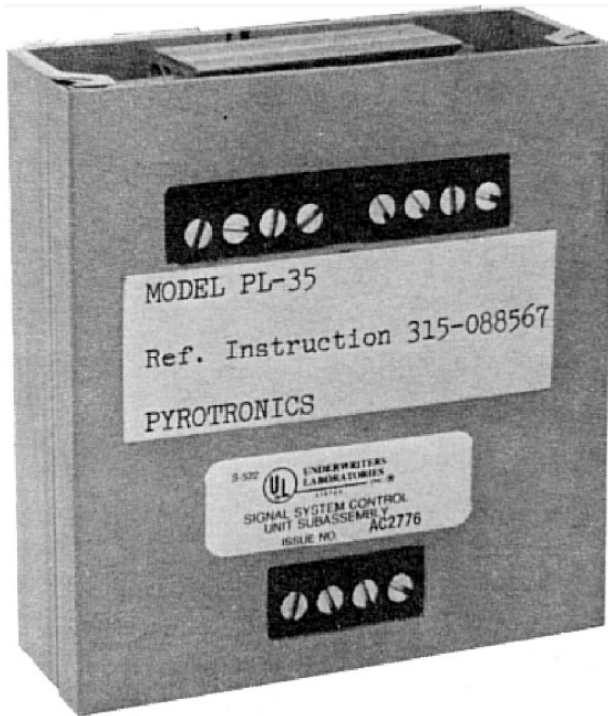
CERBERUS PYROTRONICS PL-35 Power Limiting Module Instruction Manual



MODEL PL-35

- Allows Power Limited Wiring of Notification Appliance Circuits
- Compact Module Design
- Easy Installation

- Listed for Coded Circuits



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Introduction

Cerberus Pyrotronics Power Limiting Module, PL-35, allows the use of power limited fire-protective signaling circuit conductors on 24 VDC notification appliance circuits. The benefit of installing a PL-35 module is that the 24 VDC notification appliance circuits and alarm initiating circuits can be installed in the same raceway or enclosure. SXL systems and installations with coded notification outputs using the PL-35 meet National Electric Code power limiting requirements. The PL-35 can be used only in Cerberus Pyrotronics SXL control panels for their alarm notification appliance circuits. The PL-35 converts the systems 24 VDC electrical nonpower limited circuit to a power limited circuit. The modules limited energy circuitry contains a non-replaceable current limiting device. The power limiting module is to be connected in series with the electrical non-power limited energy source as shown in the connection diagram. The PL35 may be used with either Style Z (Class A) or Style W (Class B) wiring.

Architect's Specifications

The conversion of an SXL non-power limited 24 VDC alarm notification appliance circuits to a power limited circuit shall be made by the use of a Cerberus Pyrotronics Model PL-35. The unit shall be UL listed. The unit shall be connected in series with the electrical non-power limited energy source and shall contain a non-replaceable overcurrent device. This power limiting device shall be installed inside the fire detection system panel. The power limited module shall provide the option of using either Style Z (Class A) or Style W (Class B) circuits.

Ordering Information

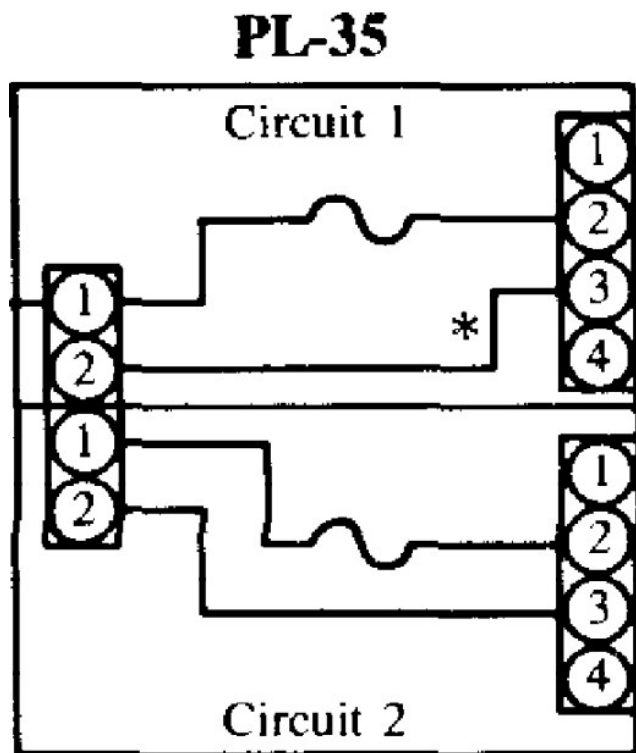
Model No	Part Number	Shipping Weight
PL-35	500-888580	6 oz

Connection Diagram

FOR STYLE W (CLASS B)

Connect terminal 1 of PL-35 to the following:

SXL Terminal BL1-2, BL2-2



The + supervisory line may be wired directly to the control panel or may be wired thru PL-35 to the panel.

FOR STYLE Z (CLASS A)

Both negative supervisory lines must be separately fused. Connect to the PL-35 terminals as follows:

SXL, terminal BL1-2 terminal 1 — terminal BL2-2

SIZE-8A terminal BL1-2 — terminal 1 terminal BL2-2

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Documents / Resources



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PL-35 Power Limiting Module, PL-35, Power Limiting Module, Limiting Module, Module

References

- 🔥 [Fire Alarm Resources | Download fire alarm documents](#)