



# CERBERUS PYROTRONICS RM 30U Releasing Device Module Owner's Manual

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**CERBERUS PYROTRONICS RM 30U Releasing Device Module**



## Description

- The Releasing Device Modules, Models RM-30U and RM- 30RU are designed to operate and supervise solenoid valves or relays used for release of extinguishing systems and to operate and supervise relays used for door closing/opening or fan control.
- The RM-30U and RM-30RU are functionally the same except that the RM-30RU incorporates three (3) series resistors that are used to adjust the resistance of the circuit to compensate for varying numbers of solenoids.
- Release logic and subsequent activation of the modules are governed by appropriate zone and control modules in the System 3 control panel.
- The modules are suitable for continuous duty when used with continuous duty solenoids.
- Dual input signals are required for activation of these modules and a release takes place when a high going signal is present on both of the input terminals. These input signals are compatible with the outputs available from the System 3 zone and control modules. All agent release logic, time delays, etc., are performed ahead electrically of the RM-30U/ 30RU by utilizing such System 3 modules as : ZU-35 Zone Module, PM-31 Program Matrix, TL-30U Timer, and SR-32 Relay Module. The separate release power input terminals extend the modules' versatility and reduces the load on the 10 conductor system bus.
- A circuit disconnect switch is provided to deactivate the module during servicing of the system. When the switch is in the off position, a trouble condition LED will be illuminated.
- The modules are provided with a yellow LED trouble indicator to show an open release circuit condition when the system is not in alarm. The LED indicator can be lamp tested from the control panel. In addition all wiring is monitored by the control panel for ground faults. The modules are placement supervised, providing a trouble signal on removal from the system.

## Architect Specifications

A supervised release circuit for the (extinguishing system, sprinkler system, door control, or fan control) shall be provided by a Cerberus Pyrotronics Releasing Device Module, Model RM-30U (30RU). This module shall be system interconnected by a ten pin plug and harness assembly and shall be operable with the main control panel. Upon receipt of the two high going input activation signals, the solid state circuitry shall apply power for the (solenoid valve(s) or 24 Vdc relay). A circuitry disconnect switch shall be provided to deactivate the circuit during servicing of the system and shall indicate a trouble condition when the switch is in the off position. The module

shall contain a yellow LED indicator to indicate an open release circuit when the system is in an otherwise normal condition. The LED shall be lamp tested from the control panel. The model RM-30U (30RU) shall be placement supervised and shall be Underwriters Laboratories listed and Factory Mutual approved.

- FM Approved
- **Suitable for:**
  - Halon Systems
  - FM-200
  - Carbon Dioxide Systems
  - Deluge Systems
  - Pre-Action Sprinkler Systems
  - Door Control
  - Fan Control
- Listed
- CSFM & NYMEA Approved

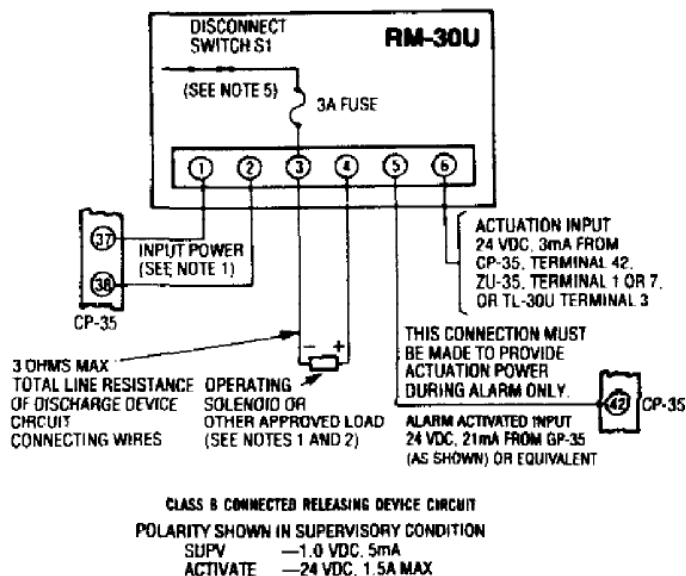
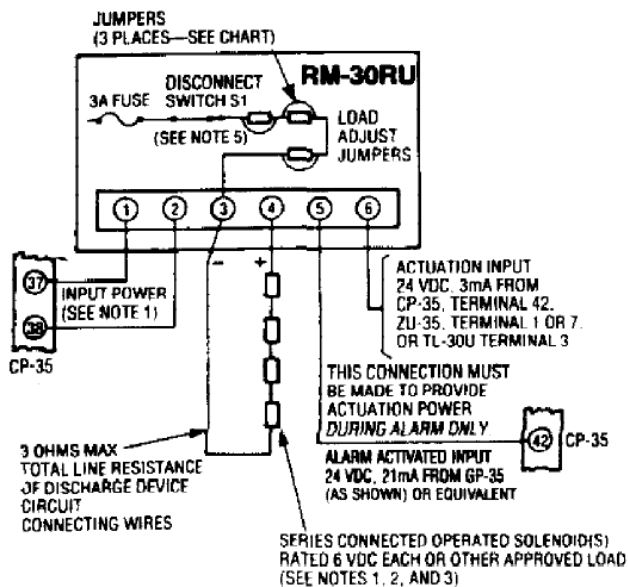
## Electrical Information

- **Module current requirement:**
  - **Normal supervisory** – 5 mA
  - **Released energized** – 1.5A maximum
- **Maximum line resistance** – 3 ohms for typical approved load.

## Ordering Information

Model No.	Description	Ship Wt.	
		lbs.	kg.
<b>RM-30U</b>	Releasing Device Module	1	0.45
<b>RM-30RU</b>	Releasing Device Module with Resistors	1	0.45

## Wiring Diagram



**NOTICE:** The use of other than Cerberus Pyrotechnics detectors and bases with Cerberus Pyrotechnics control equipment will be considered a misapplication of Cerberus Pyrotechnics equipment and as such void all warranties either expressed or implied with regards to loss, damage, liabilities and/or service problems.

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[firealarmresources.com](http://firealarmresources.com)

## Documents / Resources

	<p><b>CERBERUS PYROTRONICS RM 30U Releasing Device Module</b> [pdf] Owner's Manual RM 30U Releasing Device Module, RM 30U, Releasing Device Module, Device Module, Modul e</p>
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## References

- [Fire Alarm Resources | Download fire alarm documents](http://Fire Alarm Resources | Download fire alarm documents)