

Features

High resolution, 24-pin, dot matrix bi-directional printer for use with Autocall model:

- 4100ES, 4010ES, and 4007ES Series Fire Alarm Control Panels
- A190 Series Network Annunciator Products
- Other new and legacy Autocall fire alarm control panels with serial printer support (contact your local Autocall product representative for compatibility)

Provides hard copy records of:

- System events with alarm conditions automatically printed **bold**
- TrueAlarm® analog sensor information
- WALKTEST™ system testing
- History files

Serial RS-232, USB, or parallel communications interface

RS-232 communications and AC input are transient protected

UL listed to Standard 864



Figure 1: A190-9013 Fire Alarm System Printer

Description

SKU A190-9013 is a high resolution 24-pin printer for use with Autocall fire alarm control panels and related systems. It is listed for supplemental fire protective signaling system operation under UL Standard 864.

Transient suppression is included for both RS-232 communications and 120 VAC power. Testing is performed to ensure proper operation with compatible UL listed fire alarm control equipment.

Typical printer operations would include: recording of fire alarm system activity for fire response documentation, documenting non-fire alarm activity such as security monitoring of door openings and WALKTEST system test results, and documenting other related activity (such as AC power failure and restoration) as directed by the connected panel. Additionally, diagnostic information may be printed such as TrueAlarm analog sensor status and service reports for analysis of smoke detection sensitivity (refer to [Sample Event Printouts](#)).

Refer to Installation Instructions 579-233AC for additional information.

Specifications

Table 1: Specifications

Specification		Details
Voltage		120 VAC, 60 Hz
Idle Current		130 mA @ 120 VAC
Print Current @ 120 VAC		1.1 A typical, 2.6 A maximum, depending on character type
Print Power @ 120 VAC		Approximately 42 W per ISO/IEC 10561 letter pattern
Print Speed (characters per second, cps)	High Speed Draft Mode	440 cps @ 10 cpi
	Draft Mode	330 cps @ 10 cpi
	Letter Quality	110 cps @ 10 cpi
Column Width		80 Columns @ 10 cpi
Buffer Size		128 kB
Paper Specifications	Fan Fold	4" to 10" wide (101 to 254 mm)
	Cut Sheet	5-13/16" to 10-1/8" wide (148 to 257 mm)
	Copies	Original and up to 4 copies, carbon-less only
Dimensions		16-5/16" W x 13-13/16" D x 6-5/8" H (414 mm x 350 mm x 168 mm)
Weight		15.9 lbs (7.2 kg)
Operating Temperature		32° to 120° F (0° to 49° C)
Humidity		10 to 85% RH, non-condensing
Replacement Ribbon		Order as vended item in Job Design, Bushnell Ribbon 837-0100
System Designation		PRT80S, Supervised
		PRT80U, Unsupervised

Please note that the printer specifications supplied under this model number may vary slightly due to product availability.

* Additional listings may be applicable; contact your local product supplier for the latest status.

Sample Event Printouts

Alarm Condition:

12:42:44 pm WED 27 JAN 10 CAFETERIA STORAGE ROOM
FIRE MONITOR ZONE ALARM

Supervisory Service:

12:43:08 pm WED 27 JAN 10 OFFICE AREA BUILDING 23
SPRINKLER MONITOR ABNORMAL

Trouble Condition:

12:43:41 pm NURSES STATION EXAMINING ROOM
FIRE MONITOR ZONE DISABLE TROUBLE