

Overview

Photoconductive flame sensing device for sequencing oil burner systems.

Features

- On flame failure, the light sensitive cadmium sulfide cell, in conjunction with flame sensing circuitry, causes the Protectorelay® control to shutdown the main oil burner.
- Glass-to-metal hermetic seal in plug-in cell prevents deterioration by humidity, soot or oil fumes.
- Replaceable CAD Cell

Product Specifications

Application	Oil fired burners
Dimensions (in.)	1 7/8 in. high x 1 in. long x 1/2 in. wide
Dimensions (mm)	47 mm high x 25 mm long x 13 mm wide
Includes	A, B, E, J and P mounting brackets and fuel line adaptor
Used With	R4166, R4184, R8182, R8184, R8185, R8404, R8991, R7997, R7184, R7284
Mounting	Type R bracket
Approvals, Underwriters Laboratories Inc.	UL Listed: File no. MP268, Vol. 39, Sec. 1, Guide MCCZ
Approvals, Canadian Standards Association	CSA Component Listed: File no. LR95329-1
Tradeline Value	Super Tradeline
Electrical Connections	lead wires: NEC Class 1; Includes 2 flag 1/4 in. quick connects.
Replacement Parts	120320 Replacement Cad Cell. 7.5 mA minimum sensitivity at 2 ft. candles; 130367 Replacement Cad Cell. 12.0 mA minimum sensitivity at 2 ft. candles.
Power Consumption	12 mA
Type	Cadmium-Sulfide Flame Detector
Ambient Temperature Range (F)	140 F maximum
Ambient Temperature Range (C)	60 C maximum
Lead Length (in.)	60 in.
Lead Length (mm)	1524 mm
Sensitivity	Minimum sensitivity at 2 ft candles