



# Certificate of Compliance

## FIRE PROTECTION EQUIPMENT

This certificate is issued for the following Sprinkler Waterflow, Pressure-Actuated equipment:

Equipment Model Designation(s): Safe Signal Models EPS10-1, -2, -2V, EPS40-1, -2, Models EPS120-1, -2, EPSA120-1, -2

Approval Guide Listing: Category: 3132

Electrical Signaling  Alarm Signal Initiating Devices  Sprinkler Waterflow, Pressure-Actuated

**Prepared for:**

Potter Electric Signal Co LLC  
1609 Park 370 Place  
Hazelwood MO  
63042  
United States

**Manufactured at:**

Proansa  
Blvd. Eje 1 S/N  
esquina con Eje A  
Sonora Navojoan 85895  
Mexico

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

*Approval Standards*  
Class Number      Date  
3132                      2018

*Other Standards*  
Organization, Designation      Date

Original Approval Job Identification: 0X0A7.AY

Approval Granted: April 14, 1993

Related Report: none

Subsequent Revisions: RR223173, RR228524

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

A handwritten signature in dark ink, appearing to read "J.E. Marquedant".

J.E. Marquedant  
VP, Manager - Electrical Systems  
FM Approvals  
1151 Boston-Providence Turnpike,  
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14 July 2021

\_\_\_\_\_  
Date



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☞ Electrical Signaling ☞ Alarm Signal Initiating Devices ☞ Sprinkler Waterflow, Pressure-Actuated

## Safe Signal Models EPS10-1, -2, -2V

Pressure Actuated Alarm Switch. Models EPS10-1, -2, -2V. Used for wet and dry pipe sprinkler systems. Suffix indicates the number of internal switches. The EPS10 switches have an adjustable operating pressure range of 4 to 20 psi (28 to 138 kPa) and are factory set to operate when pressure increases from 4 to 8 psi (28 to 55 kPa). The EPS10-2V is identical to EPS10, but the adjustable pressure switch is preset to a specific limit. The max service pressure of these switches is 300 psi (2068 kPa). Switch contacts are rated 10A at 125/250 V ac, 2.5A at 6/12/24 V dc. Suitable for indoor and outdoor use in ambient temperatures of -40° to 160°F (-40° to 71°C). Switch enclosure rated NEMA Type 4 when installed with a Thomas and Betts' P/N 5332, P/N 5352 conduit coupling and P/N 5262 seal ring. Models EPSA10-1, -2 for Canadian distribution have factory installed cover tamper switch rated for 5 A 125/250 V ac, 2.5 A at 24 V dc.

Safe Signal Model 546-8000. Cover tamper switch available for Safe Signal Models EPS10-1, -2 rated for 5 A at 125/250 V ac, 2.5 A at 24 V dc.

Pressure Actuated Alarm Switch, Explosion Proof. Model EPS10EXP. Identical to the regular atmosphere EPS10-2 model. Enclosure is rated Class I, Groups B, C, D, Division 1; Class II, Groups E, F, G, Division 1, and Class III, Division 1.

☞ Electrical Signaling ☞ Supervisory Signal Initiating Devices ☞ Sprinkler System Supervision – Standard Security

## Safe Signal Models EPS40-1, -2, EPSA40-1, -2

Pressure Actuated Supervisory Switch. Models EPS40-1, -2. Suffix indicates the number of internal switches. These units have an adjustable working range of 8 to 100 psi (55 to 689 kPa). Model EPS40-1 is factory set to operate when pressure decreases to 30 psi (207 kPa); Model EPS40-2 has a second internal switch which is factory set to operate when pressure increases to 50 psi (345 kPa). Switch contacts are rated 10 A at 125/250 V ac, 2.5 A at 6/12/24 V dc. Suitable for indoor and outdoor use in



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ambient temperatures from -40° to 160°F (-40° to 71°C). Switch enclosure rated NEMA Type 4 when installed with a Thomas and Betts' P/N 5332, P/N 5352 conduit coupling and P/N 5262 seal ring. Models EPSA40-1, -2 for Canadian distribution have factory installed cover tamper switch rated for 5 A at 125/250 V ac, 2.5 A at 24 V dc. Model 546-8000 cover tamper switch available for Model EPS40-1, -2 rated for 5 A at 125/250 V ac, 2.5 A at 24 V dc.

### **Safe Signal Models EPS120-1, -2, EPSA120-1, -2**

Pressure Actuated Supervisory Switch. Models EPS120-1, -2. Canadian models EPSA120-1, -2. Suffix indicates the number of internal switches. These units have an adjustable working range of 10 to 200 psi (69 to 1,380 kPa). Model EPS120-1 is factory set to operate when pressure decreases to 101.5 psi (700 kPa); Model EPS120-2 has a second internal switch which is factory set to operate when pressure increases to 117.5-128.5 psi (810-886 kPa). Switch contacts are rated 10 A at 125/250 V ac, 2.5 A at 6/12/24 V dc. Suitable for indoor and outdoor use in ambient temperatures from -40° to 160°F (-40° to 71°C). Switch enclosure rated NEMA Type 4 when installed with a Thomas and Betts' P/N 5332, P/N 5352 conduit coupling and P/N 5262 seal ring. Models EPSA120-1, -2 for Canadian distribution have factory installed cover tamper switch rated for 5 A at 125/250 V ac, 2.5 A at 24 V dc. Model 546-8000 cover tamper switch available for Model EPS120-1, -2 rated for 5 A at 125/250 V ac, 2.5 A at 24 V dc.



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