



S19-324D2

Explosion-Proof Emergency Signaling System

Key Features

- Class I, Division 2, Groups B, C, D, Explosion-Proof, T-Code: T3C
- Automatic, audible and visual system
- Optional silence switch with auto reset
- Designed to meet NEMA 4X
- Easily connected to eyewash, drench showers or combination units
- Optional beacon or area lights
- For indoor and outdoor applications

Specifications

System can easily be connected to most eyewashes (1/2" NPT inlet piping and 5 gpm water inlet source) or combination drench shower/eyewash or drench shower units (1-1/4" NPT inlet piping and 30 gpm water inlet source). Signaling system can also be ordered for installation with with S19-304 Halo™ Heat Trace Combination Unit. If fixture is top-supplied, adequate space must be provided for vertical orientation of sensor. Consult installation manual for specific requirements. Remote location hookup possible by using the contacts in the flow switch junction box or central control box.

Standard Equipment

Central Control

Emergency fixture signaling system operates from one central control board. The central control offers several different easy to connect inputs and outputs, allowing for direct connection to a building management system and runs on a safe, 24V system. Electrical components are contained with a NEMA 4X rated enclosure.

Remote Wiring

Remote location hookup possible by using contacts in the central control board or contacts in the flow switch junction box.

Horn Sound

Standard single tone is a Piezo fast beep sound. 108 dB at 2 feet cuts through ambient noise. Multi-tone horn option must be wall-mounted and mounting hardware is installer provided.

Silence Switch

The horn can be turned off while the signal light continues to flash and the water flows. Switch features auto reset and a remote drop down mounting option. If this option is ordered with the signaling system, the unit only becomes rated for use in Class I, Division 2, Groups C & D locations.

Signal Light

Flashing signal light with corrosion resistant enclosure. Available in amber or red lens.

Voltage

Universal AC Input: 90-264 AC, 50-60 Hz. Max 70 Watts. Max 3.0 Amps.

Flow Switch Activation

Watertight and completely assembled for easy hookup to signaling system. Double pole, double throw flow switch in stainless steel construction.

Area Light

Steady state area light with corrosion resistant enclosure. Available in white or red lens. Steady state area light illuminates the surrounding area around the safety fixture.



Beacon Light

Steady state beacon light with corrosion resistant enclosure. Available in green or blue lens. Steady state light provides overhead assistance to the location of the safety fixture.

Electrical Connection

3' flexible conduit cable provided with four cable glands, plus an additional 6', 12' or 50' cable option for electrical connections to flow switch or power supply.

Pipe Size

1-1/4" NPT supply for drench or combination showers. 1/2" NPT supply for eyewash.

Mounting

Signaling system can be mounted to fixture piping, an adjacent wall or heat trace unit.

Product Compliance



UL Listed Industrial Control Panel(s) for US and Canada



A WATTS Brand

S19-324D2

Explosion-Proof Emergency Signaling System

Model	Description
☐ S19-324D2	Class I, Division 2, Signaling System
Standard Selections (Must select one from each category)	
Fixture Configuration	
☐ EF	Eye or Eye/Face Wash
☐ DC	Drench or Combination
☐ HT	Halo Heat Trace Combination Unit *
Activation	
☐ SS	Stainless Steel Flow Switch
Audible Sound	
☐ TS	Standard Single Tone
☐ TM	Multi-Tone (Installer Mounted)
Silence Switch (Optional selection may impact electrical rating)	
☐ 0	None
☐ RS	Silence/Reset Switch (Rated for C1D2 Groups C, D)
Signal Light	
☐ SA	Amber (Flashing)
☐ SR	Red (Flashing)
Beacon Light	
☐ 0	None
☐ BG	Green (Steady)
☐ BB	Blue (Steady)
Area Light	
☐ 0	None
☐ AW	White (Steady)
☐ AR	Red (Steady)
Cable Length	
☐ C6	6' Cable
☐ C12	12' Cable
☐ C50	50' Cable

* Signaling system can only be mounted to the new style S19-304 Halo Heat Trace Combination Unit.