

Kidde Fire Systems

System Component Datasheet

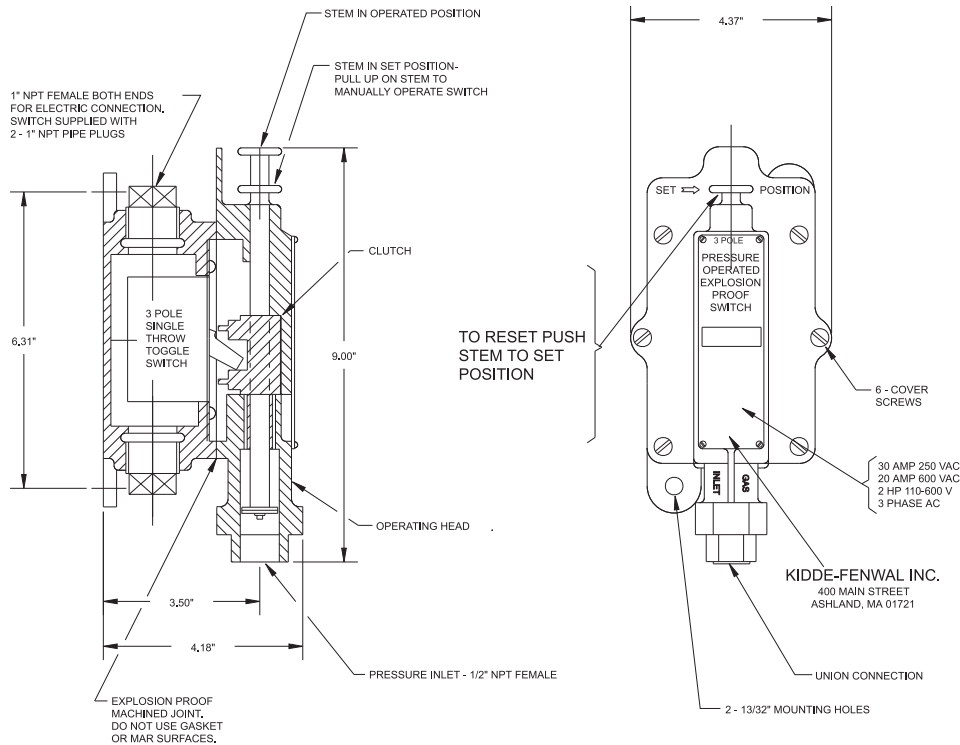


Effective: February 2019
K-85-5190 Rev AD

Pressure Operated Switch, Explosion Proof, P/N 81-981332-000

FEATURES

- Listed to: Class I, Groups C and D
Class II, Groups E, F, and G
- For Approvals, see the "COMPATIBILITY" table on page 2.



NOTES

- The toggle switch may be mounted in the base for either N.O. to N.C. or N.C. to N.O. contact transfer upon operation. The illustration above shows the position of the toggle when the switch is in the set position.
- Any load connected to the switch must not exceed the switch rating and shall utilize a suitable protection device (i.e., circuit breaker, fuse).
- Remove the operating head to make electrical connections to the toggle switch. When replacing the operating head, ensure that the toggle engages the clutch. Tighten the cover screws securely.
- Class I, Group D Caution: To prevent ignition of hazardous atmospheres, disconnect the device from the supply circuit before opening. Keep the assembly tightly closed when in operation.
- Installation and conduiting should comply with NEC (NFPA 70) standards for hazardous locations.
- The explosion-proof pressure switch is not waterproof or rated for outdoor applications and must be mounted either indoors or in an enclosure that is protected from water.

 WARNING	To prevent ignition of hazardous atmospheres, disconnect the device from the supply circuit before opening. Keep the assembly tightly closed when in operation.
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 WARNING	Do not scratch or mar the surface of the explosion proof machined joint. Doing so may create a flame path and lead to an explosion.
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COMPATIBILITY

Series	DIOM P/N	Approvals
ECS-500™ System	06-237585-001	UL, ULC, FM
ECS-500™ Marine System	06-237589-001	UL, ULC, USCG
ECS™ 360 with 3M™ Novec™ 1230 System	06-236553-001	UL, ULC, FM
ADS™ with 3M™ Novec™ 1230 System	06-237256-001	UL, ULC, FM
ECS™ 360 Marine with 3M™ Novec™ 1230 System	06-236559-001	UL, ULC, USCG
ADS™ Marine with 3M™ Novec™ 1230 System	06-237257-001	UL, ULC, USCG
ECS™ 360 with HFC-227ea System	06-236115-001	UL, ULC, FM
ECS™ 360 Modular with HFC-227ea System	06-236116-001	UL, ULC, FM
ECS™ 360 Marine with HFC-227ea System	06-236225-001	UL, USCG
ADS™ Marine with HFC-227ea System	06-236595-001	UL, ULC, USCG
ADS™ with HFC-227ea System	06-236068-001	UL, ULC, FM

EXPORT INFORMATION (USA)

Jurisdiction: EAR

Classification: EAR99

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