

## Airflow Interlocking Switches for Ventilating or Combustion Air

An airflow interlocking switch is either positive or negative pressure operated and is intended to be used to shut down automatically a combustion process in the event of air supply failure. It may also be used for alarm purposes. The pressure switches shown under PRESSURE SUPERVISORY SWITCHES for Fuel Gas & Ventilating or Combustion Air are also suitable for airflow interlocking switch service. However, airflow switches are not recommended as fuel gas supervisory switches.

### Series 1950, 1951, 1952

Series 1950 (or 1951, 1952)-000 (or 00, 02, 04, 0, 1, 5, 10, 20, P2, P8, P15, P25, P50)-1 (or 2, 3, 4, 5, 6 electrical capacity)-B (or N, S, V, F) airflow interlocking switches for positive, negative or differential operation. P50 range available for Series 1950 and 1952 only. Mount with diaphragm vertical. Available with field adjustable ranges of 0.03-0.10, 0.04-0.13, 0.07-0.15, 0.03-0.35, 0.15-0.5, 0.4-1.6, 1.4-5.5, 3-11 and 4-20 in. (0.76-2.54, 1-3.3, 1.8-3.8, 0.76-8.9, 3.8-12.7, 10.2-40.6, 35.6-139.7, 76.2-279.4 and 101.6-508 mm)  $\varnothing$  with max pressure of 45 in. (1143 mm)  $H_2O$ , 0.5-2, 1.5-8, 3-15 and 4-25 psi (3.4-13.8, 10.3-55.2, 20.7-103.4 and 27.6-172.4 kPa) with max pressure of 35 psi (241 kPa), and 15-50 psi (103.4-345 kPa) with max pressure of 70 psi (483 kPa). Contact ratings for switch capacities 1 and 2: 15 A, 125/250/480 V ac, 1/8 hp (0.09 kW) 125 V ac, 1/4 hp (0.19 kW) 250 V ac; for switch capacities 3 and 4: 10 A, 125/250/480 V ac, 1/8 hp (0.09 kW) 125 V ac, 1/4 hp (0.19 kW) 250 V ac; and switch capacities 5 and 6: 1 A, 125 V ac SPDT switching action. Series 1950, 1951 and 1952 airflow interlocking switches are suitable for use in Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G and Class III hazardous locations.

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<b>Listing Country:</b>	United States of America
<b>Certification Type:</b>	FM Approved