



DESCRIPTION

The **Honeywell S688 Series** sail switch proves duct air flow with a contact output signal to a building automation system, electronic air cleaner, humidifier or other system. The **S688** is typically mounted in a return air flow duct where the sail will be in the direct path of an unobstructed air stream.

NEW!

Honeywell



S688 Series

FEATURES

- Polyester film sail directly mounted to a snap-acting micro switch for positive feedback
- Removable spring counterbalances allows mounting in either vertical or horizontal ductwork
- Top and bottom knockouts in enclosure for flexibility in conduit run layout and wiring convenience
- Low velocity switch operation for reliable indication - makes at 250 fpm and breaks at 75 fpm

SPECIFICATIONS

Switching Action	SPDT snap-acting switch	Mouting Position Wiring Knockouts Finish Dimensions	is provided. Sail is inserted into duct through 1.5"H x 2.3"W (3.8 x 5.8 cm) hole Mounts in vertical (up or down) or horizontal air flow 0.5" conduit knockouts in either end of case Zinc plated case and cover 3.0"H x 3.8"W x 2.0"D (7.6 x 9.7 x 5.1 cm); sail dimensions: 5" wide max.; 26.2 sq. in. of area
Sail Material	Polyester film sealed on music wire frame		
Minimum Air Flow			
N.O. Contacts	Makes: 250 FPM; Breaks: 75 FPM		
N.C. Contacts	Makes: 75 FPM; Breaks: 250 FPM		
Maximum Ambient Temp.	125°F (52°C) at switches; 170°F (77°C) at sail		
Mounting Means	Switch mounts on return air duct with two sheet metal screws. An adhesive backed mounting template		

INSTALLATION

Electrical Ratings (Amperes)

	N.O. Contacts			N.C. Contacts		
	24 VAC	120 VAC	240 VAC	24 VAC	120 VAC	240 VAC
Full Load	2.0	2.0	1.0	1.0	1.0	0.5
Locked Rotor	12.0	12.0	6.0	6.0	6.0	3.0
Resistive	5.0	5.0	2.5	2.5	2.5	2.5

ORDERING INFORMATION

MODEL
S688A1007
DESCRIPTION
 SPDT sail switch