

Product Info

CAFS-1

Introduction



The CAFS-1 is a duct-mounted air flow switch that provides a signal to your Danfoss environment control system to ensure that fans are properly functioning. The CAFS-1 is typically set to alarm in the open position, indicating a cessation of air flow. The switch can also be set to detect a pressure differential across an air filter, indicating the need to change the filter.

The CAFS-1 is compatible with all Danfoss AK255 controllers as well as legacy controllers (AKC55, NC-25).

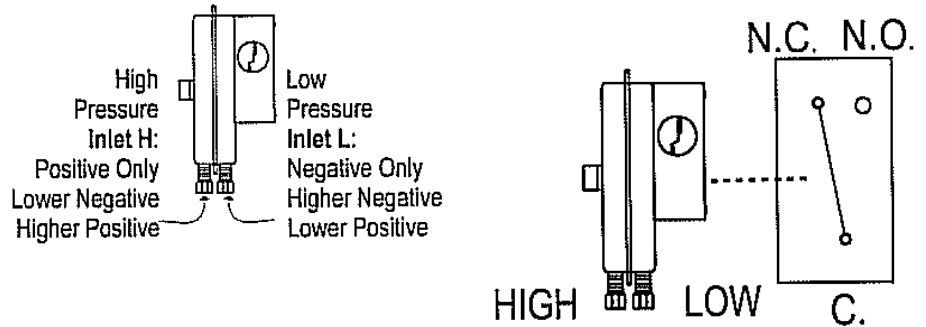
Specifications

Size:	5 7/8" X 3 7/8" X 3 1/8"
Conduit opening:	7/8"
Connectors:	1/4" outside diameter, rigid or semi-rigid tubing
Electrical Switch:	Dry contact, single pole, double throw, snap action switch
	Dry contact rating: 15A (125/250/277)
Operating environment:	Ambient Temperature: -40°F to 180°F (-40°C to 82°C)
	Pressure Detection: 0.05" to 12.0" w.c.

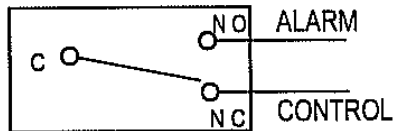


Installation and Inspection

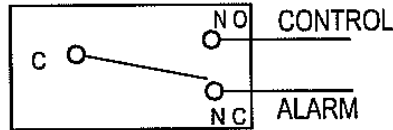
Typically, the CAFS-1 is mounted so that the sampling probe protrudes from the unit into the direct line of air flow within a duct. In order to function properly, the CAFS-1 must be mounted vertically in a location that is free from vibration. Wire alarm and control applications as shown in the installation diagram.



To prove excessive air flow or pressure:



To prove insufficient air flow or pressure:



Ordering

	Danfoss Inc. ELECTRONIC DIVISION Baltimore, MD
	Part #: CAFS-1 Air Flow Switch

www.danfoss.us

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