

Air Flow Switch

AFS01



AFS01



FEATURES

- » Very Economical
- » Reliable size
- » Reliable Mechanical Switch contact
- » Easy for maintenance
- » Easy for installation via clip or clamp
- » Multipurpose fields of application

DESCRIPTION

Axis air flow monitor provides reliable source to monitor positive or negative air flow of compact fans or filter fans. Proper installation and connection with an optical LED or low audible signal device, a bi-direction air flow monitor will activate – deactivate an electrical contact if the air flow of the fan falls below 0.8 m/s , thus either turning the signalling device on or off

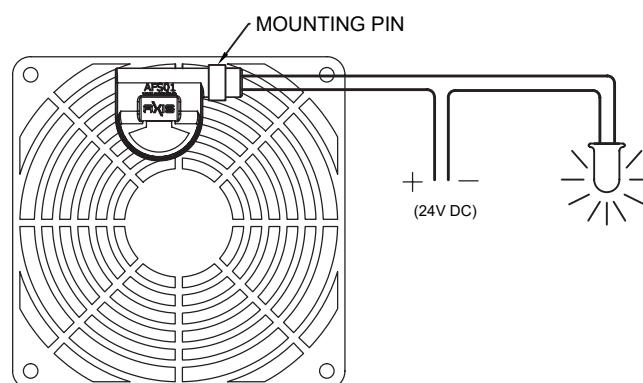
Recommended Use:

Normally used to turn an alarm or signalling device On to indicate loss of air flow.

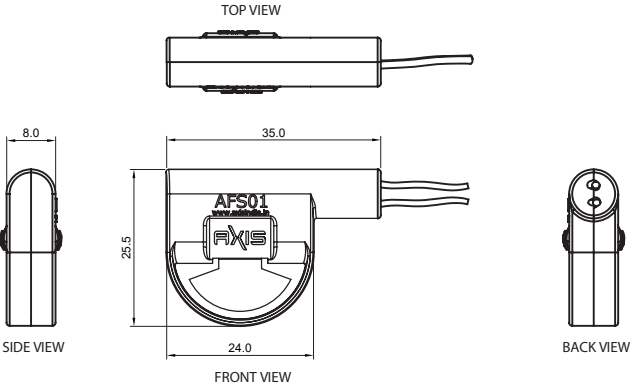
TECHNICAL SPECIFICATION

Contact rating (Max.)	10W or 10 VA (resistive load)
Switching Voltage (Max.)	180 VDC / 130 VAC
Switching current (Max.)	< 0.5A for VDC / < 75mA for VAC
Initial Contact Resistance (Max.)	150 mΩ
Operating / Storage Temperature	-40°C to +70°C
Contact type	NC (Normally closed) ; Contact open with air flow

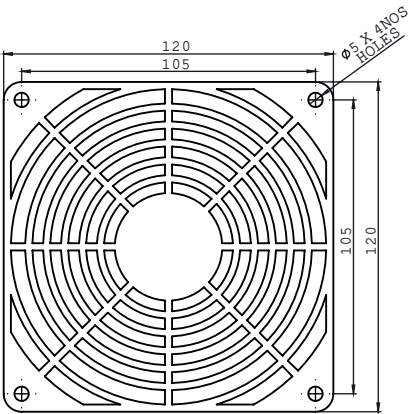
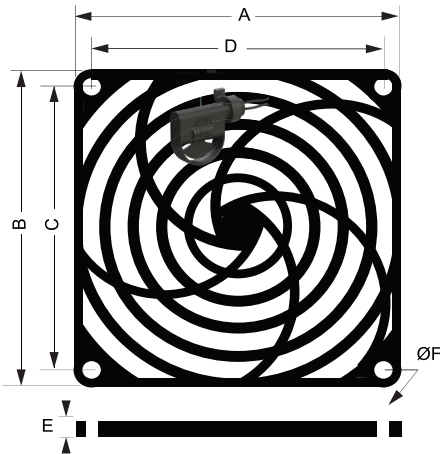
SAMPLE WIRING DETAIL



ELECTRICAL WIRING



FINGER GUARD DIMENSION DETAILS



PERFORMANCE GRILL DIMENSIONS WITH AFS01

Sr. No.	Model No.	A	B	C	D	E	F
1	AFS01_80	80	80	71.5	71.5	4.2	Ø4.2
2	AFS01_92	92	92	83	83	4.4	Ø4
3	AFS01_120	119.7	119.7	104.8	104.8	4.7	Ø4.2

PRODUCT

No.	Description	Part No.	Quantity
1	Air Flow Switch	AFS01	1 No.
2	Air Flow Switch with Performance Plastic Grill (80 mm)	AFS01_80	1 No.
3	Air Flow Switch with Performance Plastic Grill (92 mm)	AFS01_92	1 No.
4	Air Flow Switch with Performance Plastic Grill (120 mm)	AFS01_120	1 No.