



MOTORIZED PRESSURE RELIEF DAMPER - MODEL MPRD

STANDARD CONSTRUCTION

DESCRIPTION

Frame: 1.2mm thick galvanized steel.

Blade: 3-V shaped 1.2mm thick roll formed galvanized steel.

Axels: 1/2" square galvanized steel rod.

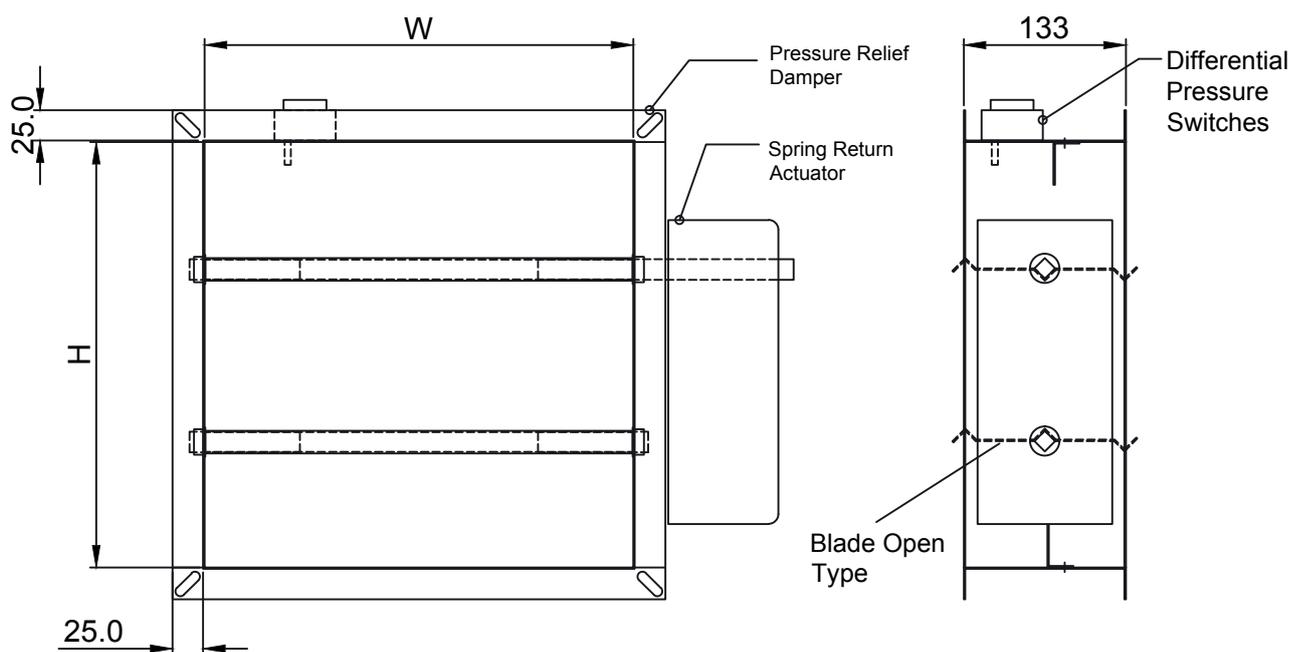
Bushing: Plastic Nylon Bushes / Brass Bushes

Size: Single section upto = 1200X1200 mm

Multiple section upto = 2400 X 2400 mm



DIMENSIONS





MOTORIZED PRESSURE RELIEF DAMPER - MODEL MPRD

DIFFERENTIAL PRESSURE SWITCH

Differential Pressure Switches DPS Series

FOR AIR CONDITIONING / VENTILATION, USER-ADJUSTABLE

PRODUCT DATA AND INSTALLATION INSTRUCTIONS



TECHNICAL SPECIFICATIONS

Max. operating pressure	10 kPa
Pressure media	air, non-flammable gases, and non-aggressive gases
Pressure connections	two plastic tubes, outside diameter: 6.0 mm
Switching capacity	1.5 A, (0.4) /250 Vac
Electrical connections	AMP connectors, 6.3 x 0.8, DIN 46244 or screw terminals
Conduit entry	M20x1.5
Protection class	IP 54
Mounting lugs	integrated in bottom housing (alternative: mounting angles)
Medium/ambient temp.	-20...+85 °C
Storage temperature	-40...+85 °C
Membrane material	silicone

BENEFITS

- Switching-point easily adjustable with scale in Pascal;
- Direction of M20x1.5 conduit entry can be rotated in steps of 120°;

APPROVALS

- CE approval according to low-voltage directive 2006/95/EC;
- Switch according to VDE 0630;
- EC Gas Appliance Directive 90/396/EEC according to DIN EN 1854 (Nov. 01, 1997)
- ROHS 2002/95/EC

OPERATING RANGES

type	adjustment range for upper trip pressure*	switching difference (hysteresis)	tolerance at adjusted switch-point
DPS 200	20...200 (Pa)	10 (Pa)	±20%

*The trip pressure refers to vertical mounting. In case of horizontal mounting (with the cover pointing upwards), the range values increase by 20 Pa.

Ordering Key:

M	P	R	D	G2	P/B
M: MOTORIZED					
	PRD - Pressure Relief Damper				
	G2 = 1.2 mm GI Blade G3 = 1.5 mm GI Blade G4 = 1.7 mm GI Blade				
	P - Plastic Nylon Bushes B - Brass Bushes				

