Series PS is a mechanical differential pressure switches offer a cost-effective solution for filter, fan and duct pressure monitoring in building automation systems in the HVAC/R industry. Series PS products offer field selectable switching point adjustment and measurement units in PA.

Technical Data:
Service: Air & non aggressive gases
Material: ABS
Electrical Connection: 3 Screw terminal
Cable Entry: M16
Pressure Connection: Male Ø 5 MM
Weight: 150 gms
Operation Temperature: -20 to 60° C
Storage Temperature: -40 to 85° C
Maximum Pressure: 50 kPA
IP Protection: IP54

APPLICATIONS:
Series PS devices are commonly used in HVAC/R systems for:
• fan, blower and filter monitoring
• pressure and flow monitoring
• valve and damper monitoring

Optional Accessories:
2 Fixing Screws
2 Plastic duct connectors
2 m tube Ø 4/7 mm
Metallic duct connectors

Model Summary

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Pressure range</th>
<th>Switching difference</th>
<th>Accuracy of Switching point Low limit typ.</th>
<th>Electrical rating resistive load</th>
<th>Accuracy of Switching Point High limit typ.</th>
<th>Electrical rating inductive load</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS200</td>
<td>20...200 pa</td>
<td>10 pa</td>
<td>20 Pa ± 5 Pa</td>
<td>200 Pa ± 20 Pa</td>
<td>0 1A / 250VAC</td>
<td></td>
</tr>
<tr>
<td>PS300</td>
<td>30...300 pa</td>
<td>20 pa</td>
<td>30 Pa ± 5 Pa</td>
<td>300 Pa ± 30 Pa</td>
<td>3A / 260VAC</td>
<td>2A / 250VAC</td>
</tr>
<tr>
<td>PS500</td>
<td>50...500 pa</td>
<td>30 pa</td>
<td>50 Pa ± 5 Pa</td>
<td>500 Pa ± 30 Pa</td>
<td>3A / 260VAC</td>
<td>2A / 250VAC</td>
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<tr>
<td>PS800</td>
<td>80...800 pa</td>
<td>40 Pa</td>
<td>40 Pa ± 5 Pa</td>
<td>600 Pa ± 30 Pa</td>
<td>3A / 250VAC</td>
<td>2A / 250VAC</td>
</tr>
<tr>
<td>PS1500</td>
<td>100...1500 pa</td>
<td>80 Pa</td>
<td>100 Pa ± 10 Pa</td>
<td>1500 Pa ± 50 Pa</td>
<td>3A / 250VAC</td>
<td>2A / 250VAC</td>
</tr>
<tr>
<td>PS4500</td>
<td>500...4500 pa</td>
<td>160 Pa</td>
<td>500 Pa ± 50 Pa</td>
<td>4500 Pa ± 200 Pa</td>
<td>5A / 250VAC</td>
<td>2A / 250VAC</td>
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</tbody>
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