

MDK3AAL Pressure Switch



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Description

Pressure Switches are used to monitor the pressure of SF₆ gas in sealed tanks, and can be widely used in medium voltage switchgear and RMU.

They can provide multiple solutions to support new substations and the renovation and smart upgrading of existing substations.

Application

- SF₆ Gas Insulated Switchgear
- SF₆ Gas Insulated Circuit Breaker
- SF₆ Gas Insulated RMU
- SF₆ Gas Insulated Switch Cabinet

Features

- Suitable for different installation needs both indoors and outdoors.
- Can provide up to two sets of microswitch contacts allowing instant and accurate switching. (Operating Value Difference: 0.1bar ~ 0.3bar)
- High shock resistance.
- Normally closed contacts will not set a false alarm due to vibration.

Technical Parameters

Technical Parameters	Parameter Values
Measuring range	0 ~ 2 bar abs. (customizable)
Accuracy of set point	±2.0% @20°C
Degree of protection	IP42
Ambient conditions	-25°C ~ +60°C, relative humidity ≤ 95%RH
Leakage rate	≤1×10 ⁻⁹ Pa · m ³ /s(helium leakage inspection)
Process connection	G1/4 (customizable)
Installation method	Axial
Electrical connection	Plug-in connection cable size: 0.2mm ² to 2.5mm ²
Insulation properties	Insulation resistance: >100 MΩ (DC 500V) Withstand voltage: 2kV, 50/60 Hz,1min
Contact type	Micro switch
Impact rating	30g
Contact electrical parameters	250V AC, 5A
Weight	100g
Pressure element	Bellow

Dimensions

