

PRODUCT PARAMETER - MODEL P PR01 A-B

Nominal switching temperature (NST) in 5 °C	60 °C - 250 °C
Tolerance (standard)	(60-200) °C ±5K / (205-250) °C ±10K
Reverse switch temperature (RST) tolerance	≥ 35 °C (≤ 80 °C NST) / -30K±15K (≥ 85 °C ≤ 180 °C NST)
	-60K±15K (≥ 185 °C ≤ 200 °C NST)
	120 ±15K(> 200 °C NST)
Thickness	4.9mm
Diameter	9.1mm
Length of the insulation cap	15mm
Resistance to impregnation	suitable
Suitable for installation in protection class	I+II
Pressure resistance to the switch housing	300N
Standard connection	0.33 mm ² / AWG22
Insulation voltage	2.0 kV
Available approvals	UL/TUV/CQC/CB
Operating voltage range AC/DC	up until 500 V AC / 14 V DC
(60-200) °C Operating temperature products	
Rated voltage AC	250 V(VDE) / 277 V(UL)
Rated current AC cos φ = 1.0 /cycles	2.5A / 10,000
Max. switching current AC cos φ = 1.0 /cycles	6.3 A / 3,000
	7.5 A / 300
Rated current AC cos φ = 0.6 /cycles	1.6 A / 10,000
Rated voltage DC	12.0 V
Max. switching current DC /cycles	40.0 A / 5,000
(205-250) °C Operating temperature products	
Rated current AC cos φ = 1.0 /cycles	2.5A / 1,000
Rated current AC cos φ = 0.6 /cycles	1.6 A / 1,000
Total bounce time	< 1 ms
Contact resistance	≤ 50 mΩ
Vibration resistance at 10 ... 60 Hz	100 m/s ²



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