

Switches and AccessoriesP270 Resistance Throttle



USES

Widely used in electric vehicle accelerator, high precision, long life.

P270	-□
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- 1 Product type
- 2 Other function codes

USE OF THE ENVIRONMENT

Operation temperature range	-55~+120℃
Relative humidity	+20℃ 98%
the vibration frequency of the	3G, 1 ~ 50Hz 0.5mm amplitude
Altitude	2000m
Installation direction	Random
International protection	IP68

ORDER INSTRUCTION

U.N.W.	29g
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TECHNICAL PARAMETERS

(Version 1.37)

SAYOON Product Type	P270
Resistance range, Ohms	0-5K Ω
Standard resistance tolerance	$\pm 10\%$
Residual resistance	6 Ω max
Input voltage,maximum	500Vdc not to exceed power rating
Power rating,watts	2W at 70 $^{\circ}$ C
Dielectric strength	1000VAC,1 minute
insulation resistance,minimum	50M ohms at 500Vdc
Sliding noise	100mV max
actual electrical travel,nominal	45 $^{\circ}$
Total mechanical travel	312 $^{\circ} \pm 5^{\circ}$
Static stop strength,maximum	200 oz-in
rotational torque	Dust proof:1.0.oz-in.max. sealed:1.0 to 2.5 oz-in
panel nut tightening torque	25 lb-in
Rotational load life	1 Million CYCLES (10% Δ R)

INSTALLATION DIAGRAM

