



Pre-set Potentiometer / Ser. 15mm
Type PNZ14

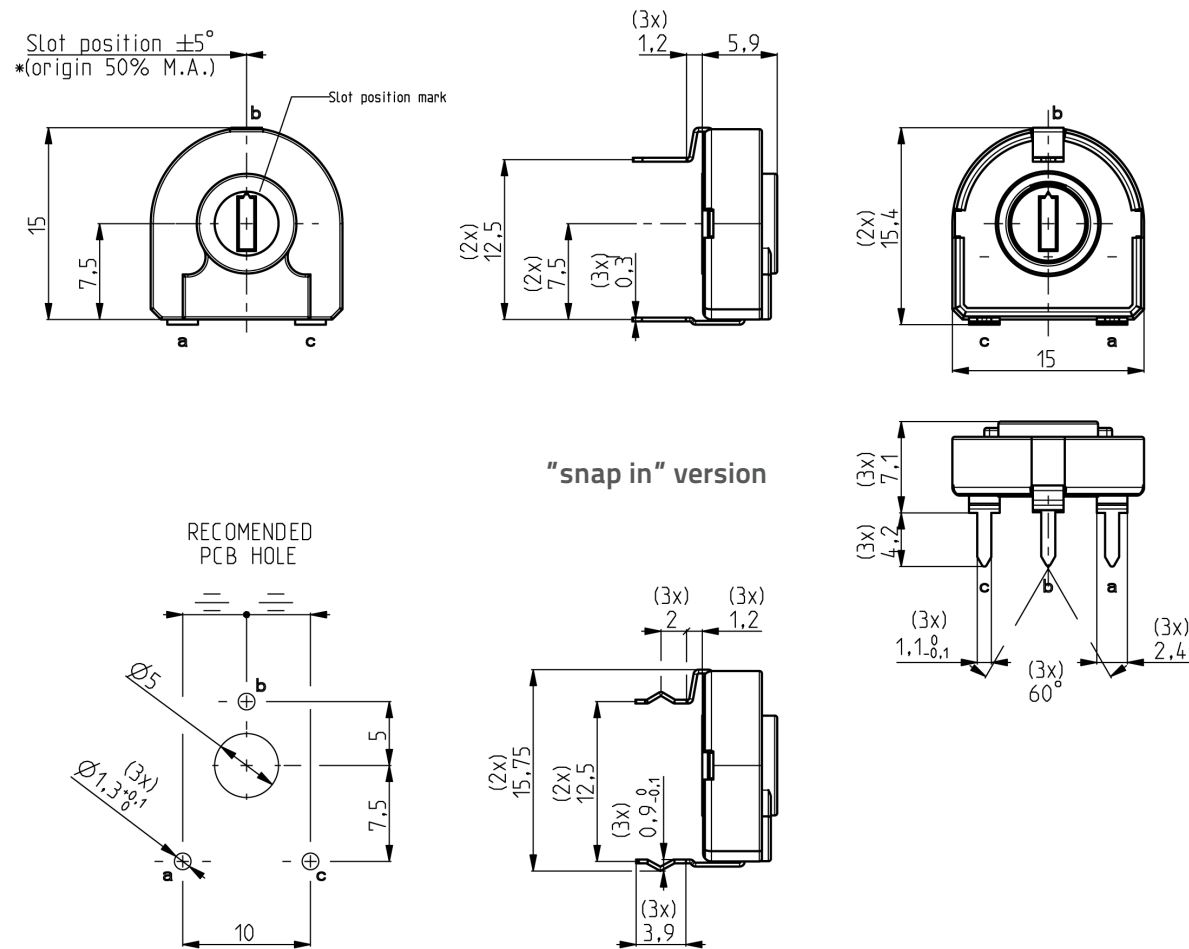
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Type PNZ14

- For Printed Circuits
- Mounting type body - horizontal
- Closed version
- Both side setting, insulated slider

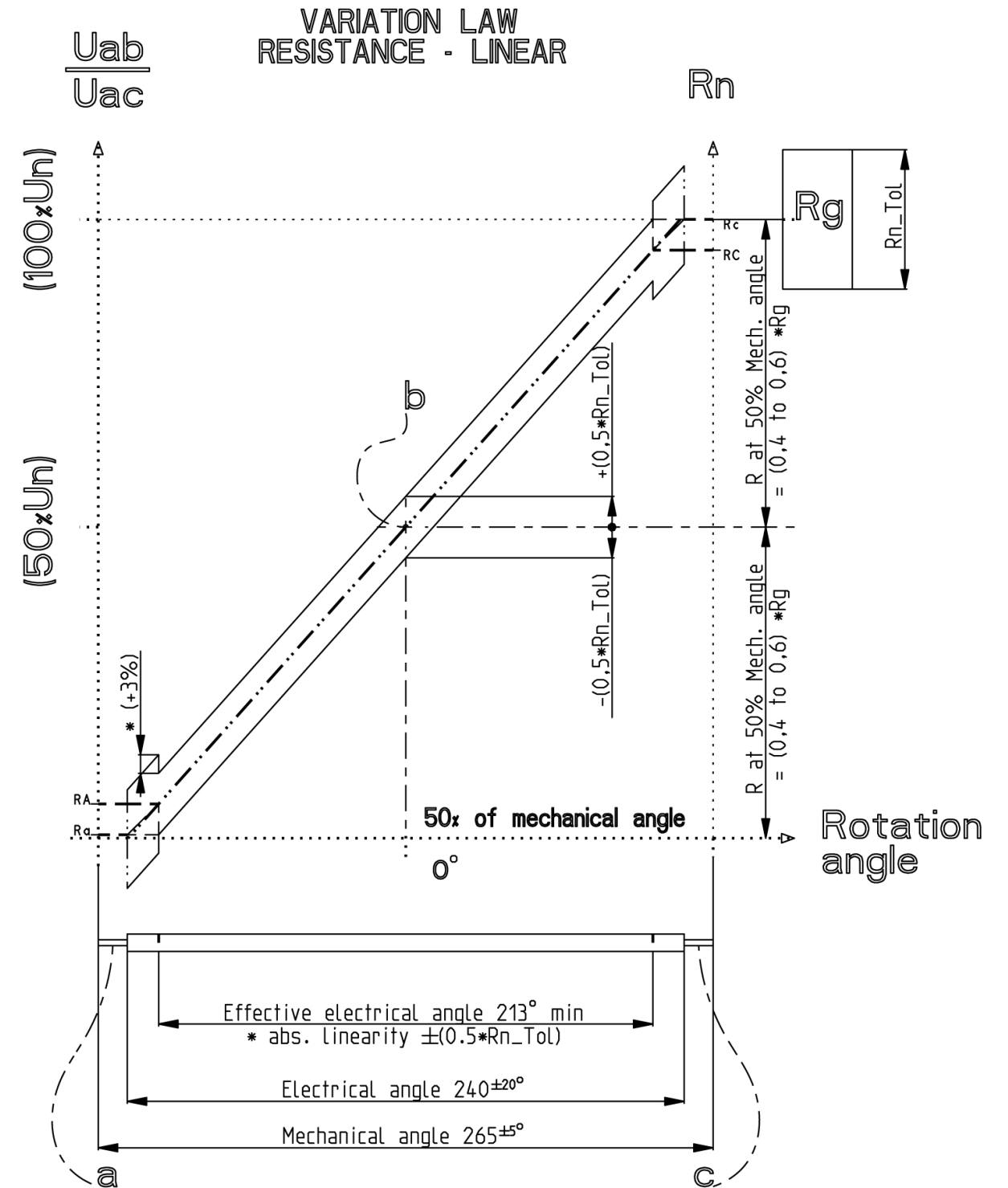
Product Dimensions



Available adjustment slots	1,2 $\pm 0,05$	3,02 $\pm 0,05$	$\varnothing 4,02 \pm 0,05$	$\varnothing 4,02 \pm 0,05$	4,02 $\pm 0,05$
type	PNZ14D	PNZ14DA	PNZ14DAU	PNZ14DDU	PNZ14DB
type "snap in" version	PNZ14DX	PNZ14DAX	PNZ14DAUX	PNZ14DDUX	PNZ14DBX

All dimensions are in mm.
Tolerance unless otherwise specified $\neq 0.2\text{mm}$.

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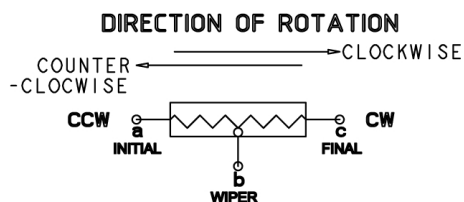
ELECTRICAL DATA

Rated dissipation at $T_{amb} = 40^{\circ}\text{C}$:	0,25W lin / 0,12W log
Nominal resistance value:	100 Ω to 5M Ω lin / 2,2K Ω to 2,5M Ω log / *
Resistance tolerance:	$\pm 20\%$ for values R 100 Ω to 1M Ω / * $\pm 30\%$ for values $R \geq 1\text{M}\Omega$ to 5M Ω / *
Resistance law:	lin, log+, log-, / *
Maximum operating voltage:	300VDC lin / 200VDC log
Temperature coefficient:	< 100 K Ω : $\pm 500\text{ppm}/^{\circ}\text{K}$, > 100 K Ω : $\pm 1000\text{ppm}/^{\circ}\text{K}$
Climatic stability:	IEC 393-1 category 25/70/21
Operating temperature:	-25 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$
Electric angle of rotation:	240 $^{\circ} \pm 20^{\circ}$ / *

MECHANICAL DATA

Mechanical angle of rotation:	265 $^{\circ} \pm 5^{\circ}$
Operating torque:	4 to 25 mNm
End stop torque:	> 100 mNm
Weight	~ 1,5 g
Rotational life:	10.000 cycles (long life 40.000 cycles)*

* Special characteristics and specifications on customer demand are available



Actual resistance value $_ R_g = R_{ac}$

Nominal resistance value $_ R_n$

$R_{ab} = R + R_p$

$R_{cb} = R + R_p$

* $R_p = R_a + R_b = (R_c + R_b)$

* $R_p = ((R_{ab} + R_{cb}) - R_{ac}) / 2$

$R_a = \max.(0,005 * R_n)$, bat $\min.(2 \Omega)$

$R_A = \max.(0,05 * R_n)$

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