



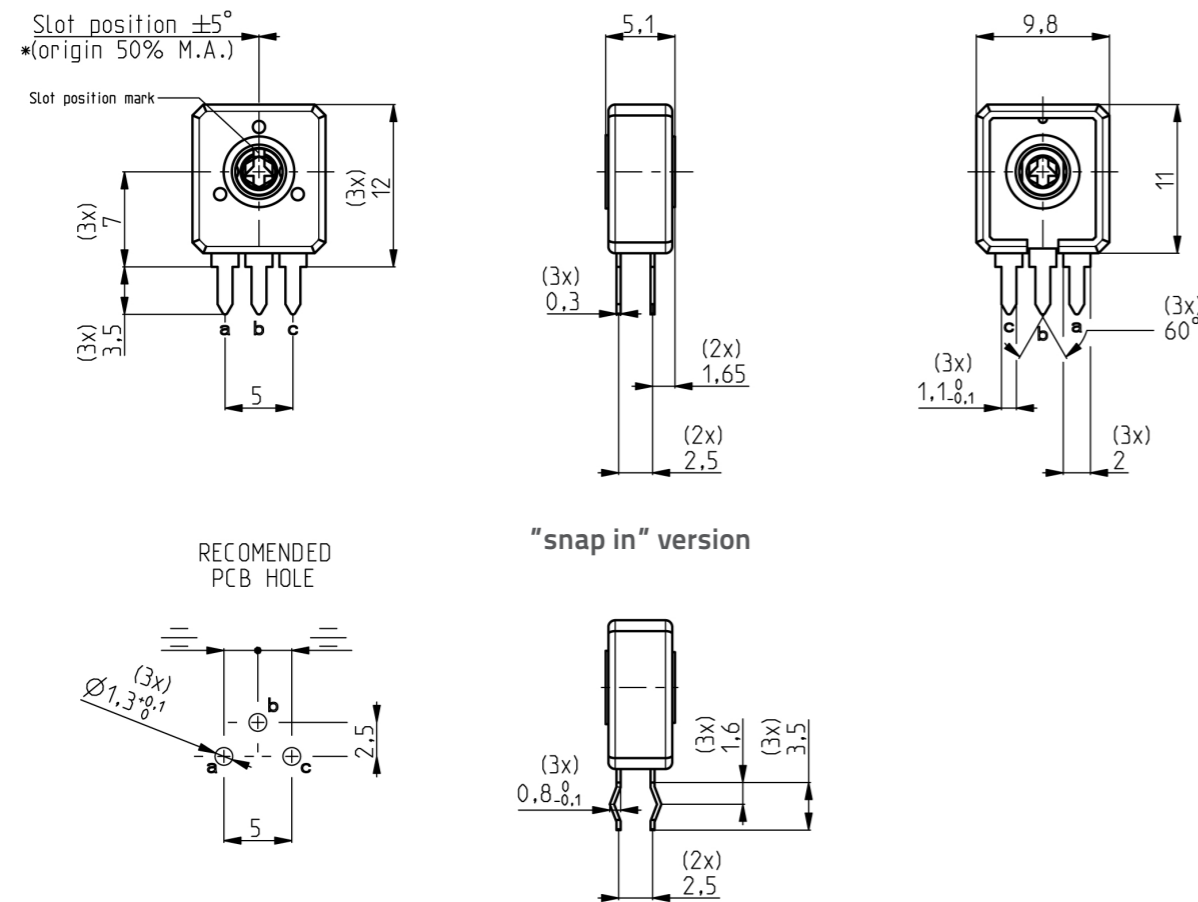
Pre-set Potentiometer / Ser. 10mm  
Type PNZ11

# Pre-set Potentiometer / Ser. 10mm Type PNZ11

## Type PNZ11

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

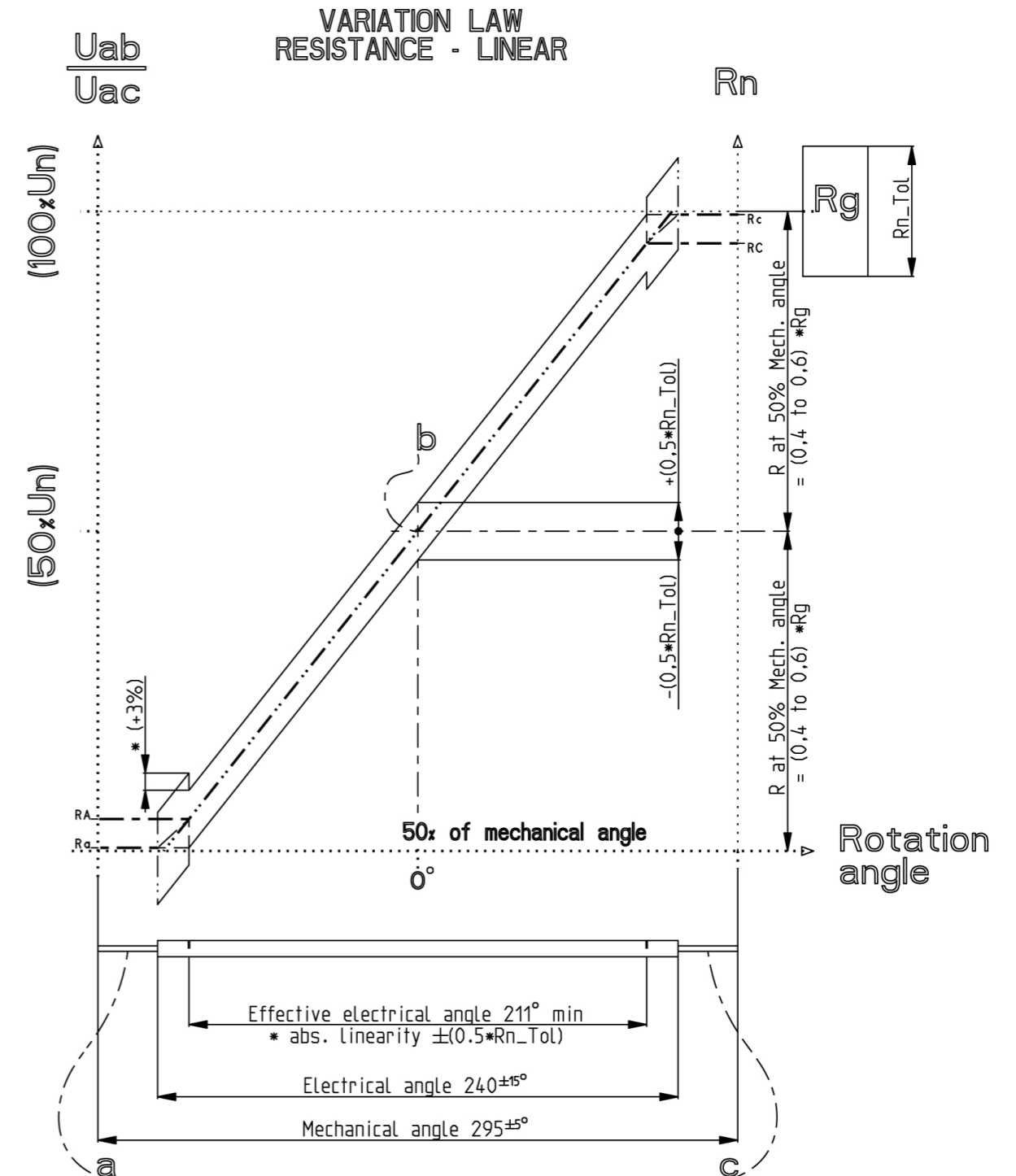
### Product Dimensions



Available adjustment slots						
type	PNZ11Z	PNZ11ZA	PNZ11ZAU	PNZ11ZAC	PNZ11ZB	PNZ11ZE
type "snap in" version	PNZ11ZX	PNZ11ZAX	PNZ11ZAUX	PNZ11ZACX	PNZ11ZBX	PNZ11ZEX

All dimensions are in mm.  
Tolerance unless otherwise specified ≠ 0.2mm.

# Pre-set Potentiometer / Ser. 10mm Type PNZ11



# Pre-set Potentiometer / Ser. 10mm Type PNZ11

## Type PNZ11

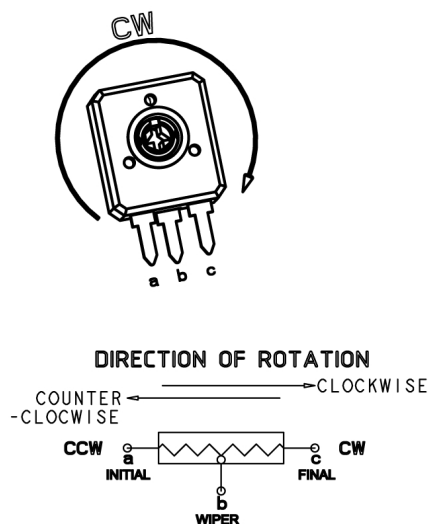
### ELECTRICAL DATA

Rated dissipation at $T_{amb} = 40^{\circ}\text{C}$ :	0,15W lin / 0,1W log
Nominal resistance value:	50 $\Omega$ to 10M $\Omega$ lin / 1K $\Omega$ to 2M $\Omega$ log / *
Resistance tolerance:	$\pm 20\%$ for values R 100 $\Omega$ to 1M $\Omega$ / * $\pm 30\%$ for values $R \geq 1\text{M}\Omega$ to 10M $\Omega$ / *
Resistance law:	lin, log+, log-, / *
Maximum operating voltage:	200VDC lin / 150VDC log
Temperature coefficient:	< 100 K $\Omega$ : $\pm 500\text{ppm}/^{\circ}\text{K}$ , > 100 K $\Omega$ : $\pm 1000\text{ppm}/^{\circ}\text{K}$
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 $^{\circ} \pm 15^{\circ}$ / *

### MECHANICAL DATA

Mechanical angle of rotation:	295 $^{\circ} \pm 5^{\circ}$
Operating torque:	4 to 20 mNm
End stop torque:	> 50 mNm
Weight	~ 0,72 g
Rotational life:	200 cycles (long life 10.000 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  $\min.(2 \Omega)$

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

We reserved the right to alter without notice the specification, design, price or conditions of supply of any product or service. No liability is assumed as a result of their use or application.