



**PIT-RADWAR S.A.**  
**WROCLAW DIVISION**

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**Signal relays for telephone exchanges,  
 system E-10  
 K-110  
 form A contact (normally open)  
 for PCBs**

**This product is in accordance with RoHS**

PARAMETERS	Unit	TYPE	
		K-110/3x1	K-110/1x1

**1.CONTACT PARAMETERS**

Switching power	max	W	10	12
Breakdown voltage	min	V <sub>DC</sub>	400	
Switching voltage	max	V <sub>DC</sub>	200	
Switching current	max	A	0.5	
Contact resistance	max	mΩ	200	
Contact-contact capacitance	max	pF	1.5	

**2.COIL PARAMETERS**

Coil normal working voltage		V <sub>DC</sub>	12*	4
Pull-in voltage	max	V <sub>DC</sub>	9	3.5
Drop-out voltage	min	V <sub>DC</sub>	1	0.3
Nominal coil resistance	±10%	Ω	200	275

**3.RELAY PARAMETERS**

Insulation resistance	min	Ω	10 <sup>9</sup>	
Operate time including bounces	max	ms	1.5	
Release time	max	ms	1	
Breakdown voltage coil-contact	min	V <sub>DC</sub>	700	
Environment category acc. to IEC 68-2-1+3			40/70/10	40/70/21

\*Switching on voltage 12V, working voltage 6V

**4.DIMENSIONS AND TERMINAL ARRANGEMENTS**

