

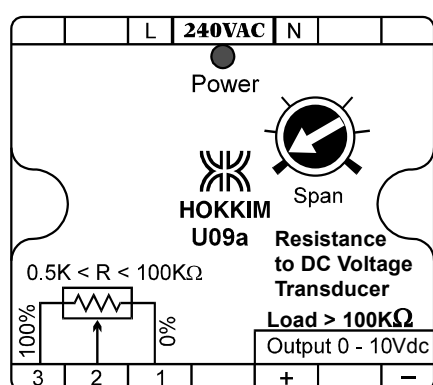
HOKKIM *giving you control* Control & Protection Relays

Model : **U09a**
 Description : Resistance to DC Voltage Transducer

Utilization:

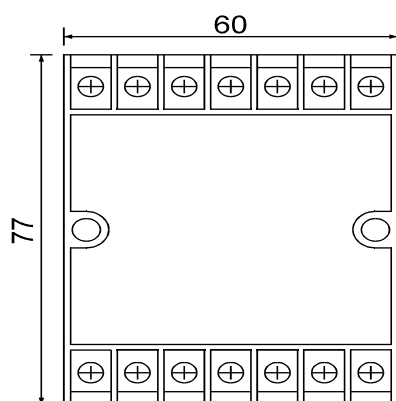
The HOKKIM U09a is able to transduce various input resistance ranges, that is R_{1-3} , from $0.5K\Omega$ to $100K\Omega$ into output DC voltage of 0 to 10V. As the resistance value R_{1-2} ranges from a minimum of 0Ω to a maximum equal to R_{1-3} , the output current goes from 0 to 10V. The load of the current output should be greater than $100K\Omega$.

There is a span adjustment to calibrate the output to 10V dc when input R_{1-2} is maximum at R_{1-3} .

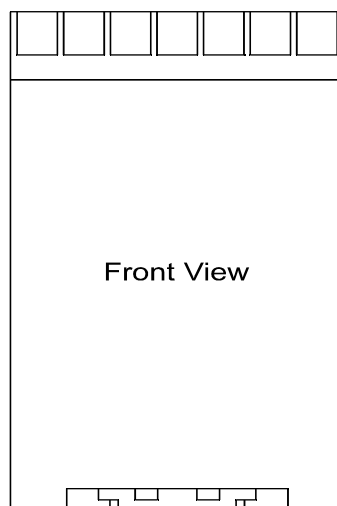


Technical Data

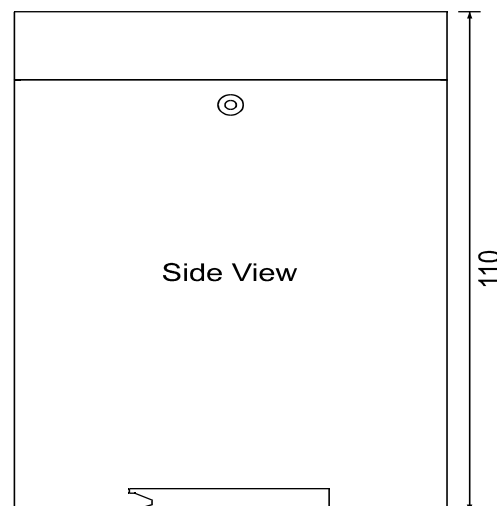
Supply Voltage	☐ 240VAC ☐ 115VAC ☐ 24VDC
Frequency	50~60Hz for AC Supply
Consumption	<2VA
Input Resistance	0.5 - 100KΩ
Output Voltage	0 - 10V dc
Accuracy	±2% at full span
Output load Impedance	> 100KΩ
Indication	Green LED (Power)
Dielectric Strength Between:	
Input & Supply Circuit	3KV
Output & Supply Circuit	3KV



Top View
Dimensions in mm



Front View



Side View