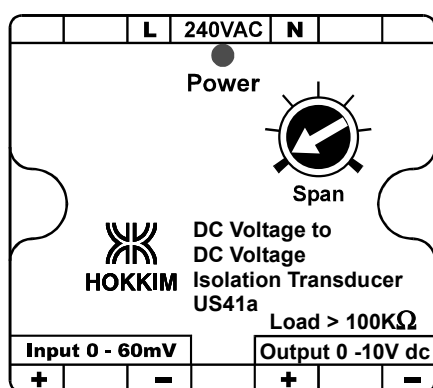


Model : **US41a**
 Description : DC Voltage to DC Voltage Transducer

Utilization:

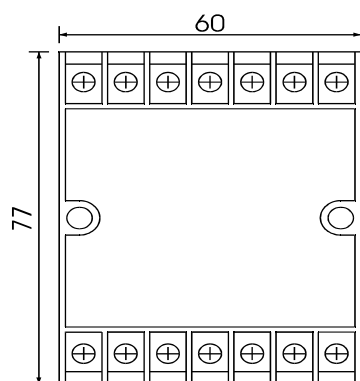
The US41a is able to transduce input DC voltage of 0 to 60mV into output DC voltage of 0 to 10V dc. The impedance of the voltage output load should be greater than 100K Ω .

There is a span adjustment to calibrate the output to 10V dc when input is maximum at 60mV dc. Input is isolated from output.

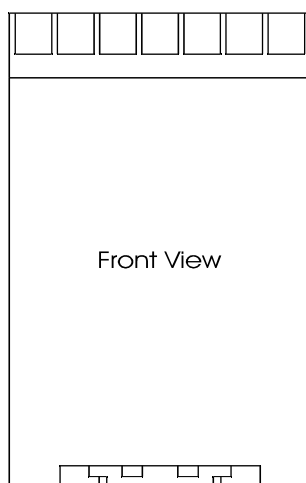


Technical Data

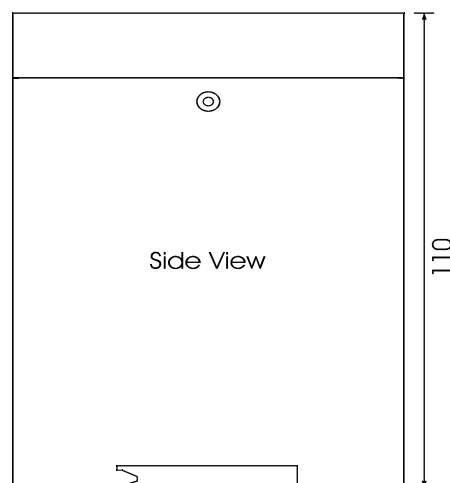
Supply Voltage	☐ 240VAC ☐ 110VAC ☐ 24VDC ☐ 12VDC
Frequency	50~60Hz for AC Supply
Consumption	<2VA
Input Voltage	0 – 60mV dc
Outputs Voltage	0 – 10V dc
Accuracy	±2% at full span
Output load Impedance	>100K Ω
Indication	Green LED (Power)
Dielectric Strength Between:	
Input & Supply Circuit	3KV
Output & Supply Circuit	3KV
Input & Output Circuit	3KV



Top View
 Dimensions in mm



Front View



Side View