



## IHC-A/B-RM01/03 // COMPACT CURRENT & VOLTAGE SENSING

ISAscale® potential-free current & voltage sensor

### Introduction

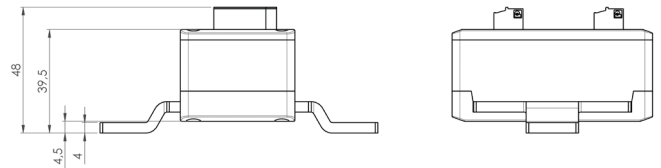
- Current range up to  $\pm 1,000$  A
- Voltage range up to  $\pm 500$  V
- 16-bit data acquisition system ISA-ASIC
- Fully electric isolated (EN 61010-1:2001)
- Excellent accuracy and linearity
- Lower power loss than DIN shunt
- High variety of measurable features



### Applications

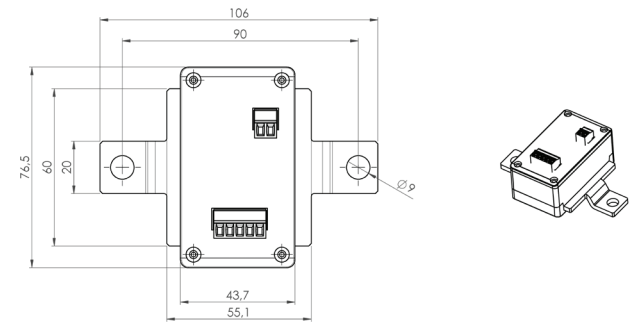
- Stationary energy storage system
- Current and voltage monitoring in control units
- AH meter electroplating plants
- Etc.

### Dimensions [mm]



### Features

- Current/voltage measurement: DC rate, effective value AC/DC rate
- Measurement of frequency, apparent power, apparent energy, real power, real energy, reactive power, reactive energy
- Oscilloscope function



### Technical data

Description			Unit
Measurement range	$\pm 300$	$\pm 1,000$	A
Resolution	1	3	mA
Initial accuracy	$\pm 0.1$	$\pm 0.3$	% of reading
Voltage measurement	250 (AC phase to earth) 500 (AC phase to phase) $\pm 500$ (DC)		V
Operating temperature	-20 ... +75		°C