

IA100.81 – Current Transformer

Flexible, accurate, compact and reliable, those are the keywords of the IA-series of ELEQ. All transformers are equipped with a sealable integrated terminal cover. These – over the full operational temperature range – very accurate current transformers are suitable for measurement and for revenue metering (billing). The accuracy is guaranteed from 0,1VA upwards. Therefore there is no need of using load resistors. For revenue metering: the serial number shown on the product is linked with unique measuring data available on our website. ELEQ provides isolated mounting clips which makes the IA-series suitable for mounting on rail or around cables.



Ordering Specifications*

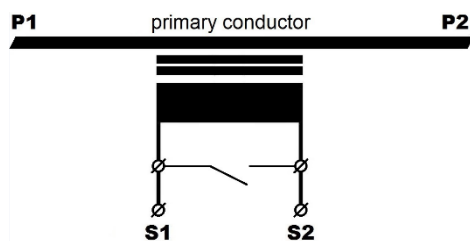
Ratio	Burden	Class	Article Number
300/5A	0,1 – 2,5VA	0.2S	4M9AK4
400/5A	0,1 – 5VA	0.2S	4M9AK5
600/5A	0,1 – 5VA	0.2S	4M9AK7
800/5A	0,1 – 5VA	0.2S	4M9AK10
1000/5A	0,1 – 5VA	0.2S	4M9AK11
1200/5A	0,1 – 10VA	0.2S	4M9AK12
1600/5A	0,1 – 10VA	0.2S	4M9AK1

* Those articles are standard executed with short-circuit bridge. In short, during the installation the product is short-circuit and after mounting this can easily be undone.

For another ratio, class, burden or double measurement ranges, please consult our Sales Department for more information.

On request the transformer can comply with ISO 17025 regulations

Wiring Diagram



Technical Specifications

Environmental conditions

This product is designed to be safe under the following conditions:

Location:	Indoor use
Operating temperature:	-25°C .. +40°C
Relative humidity:	5% .. 85%, non condensing
Protection degree:	IP20

Application conditions

Standard:	IEC 61869-2
Rated short-time thermal current:	60 x I _n / 1s
Continuous thermal current (I _{ct}):	1 x I _n
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Max rail: 80x10 (15mm)
Secondary terminals:	Screw terminals (max. torque 2Nm) Max. cross-sectional area of cable (stranded or solid) 6mm ²

Dimensions

