

## IA70B41K – 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\*

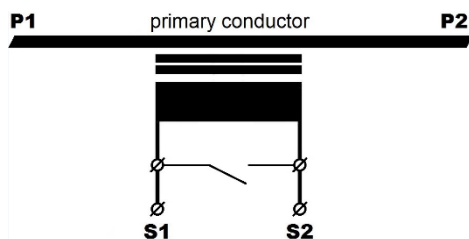
Ratio	Burden	Class	Article Number
150/5A	0,1– 2.5VA	0,2S	4M37K6E
200/5A	0,1– 2.5VA	0.2S	4M37K5E
300/5A	0,1 - 5VA	0.2S	4M37K1E
400/5A	0,1 - 5VA	0.2S	4M37K2E
500/5A	0,1 – 5VA	0.2S	4M37K4E
600/5A	0,1 – 5VA	0.2S	4M37K3E
800/5A	0,1 – 5VA	0.2S	4M37K7E

\* 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

<i>Environmental conditions</i>	
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
<i>Application conditions</i>	
Standard:	IEC 61869-2
Rated short-time thermal current:	60 x I <sub>n</sub> / 1s
Continuous thermal current (I <sub>ct</sub> ):	1 x I <sub>n</sub>
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Max cable: Ø 36 mm Max rail: 40x15mm or 30x30mm
Secondary terminals:	Screw terminals (max. torque 2Nm) Max. cross-sectional area of cable (stranded or solid) 6mm <sup>2</sup>

### Dimensions

