

IA160..102 – 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.



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 _{cth}):	1 x I _n
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Primary window dimensions:	Max rail: 100x40 mm
Secondary terminals:	Screw terminals (max. torque 2Nm) Max. cross-sectional area of cable (stranded or solid) 6mm ²

Ordering Specifications*

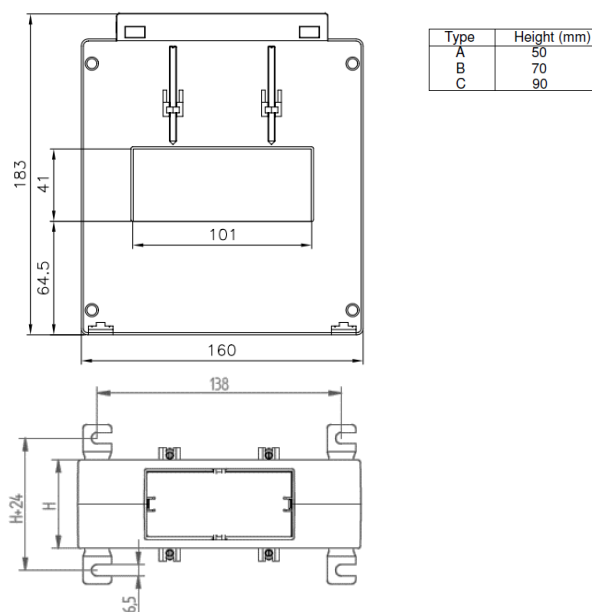
Ratio	Burden	Class
t.b.d.	0,1 – 5VA	0.2S

* These 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

Dimensions



Wiring Diagram

