

IA140 A102 – 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

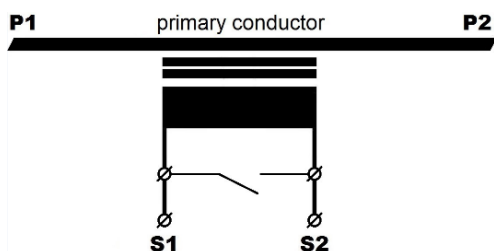
This product is designed to be safe under the following conditions:

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

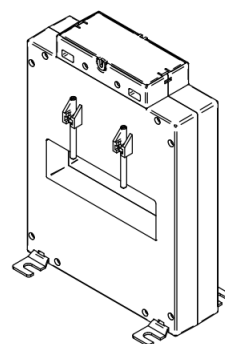
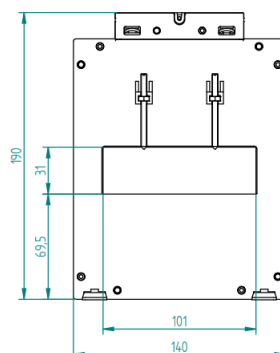
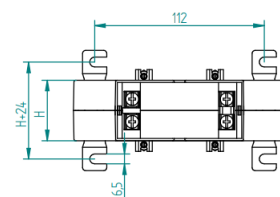
Application conditions

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:	50/60 Hz
Class of insulation:	E
Primary window dimensions:	Max rail: 100x30 mm
Secondary terminals:	Screw terminals (max. torque 2 Nm) Max. cross-sectional area of cable (stranded or solid) 6 mm ²

Wiring Diagram



Dimensions



Type	Height (mm)
A	40
B	60
C	80

