



Plug-in current transformer for billing purposes

EIPA30.5 / E6A315.3 / E7A412.3 / E9A615.3 / E13A1030.3
Class 0.5 ... / 5 A

Manual/Datasheet

TECHNICAL DATA

Plug-in current transformer Class 0.5 ... / 5 A

Highest voltage for operating equipment U_m	0.72 kV
Rated insulation level (test voltage)	3 kV / 1 min
Nominal Frequency	50 / 60 Hz
Thermal rated continuous current I_{cth}	$1.2 \times I_{pr}$ (I_{pr} = primary rated current)
Over-current limit factor	FS5 to FS10
Thermal rated short-term current I_{th}	$60 \times I_{pr}$ für 1 s
Rated surge current I_{dyn}	$2.5 \times I_{th}$
Temperature	-40 ... 40° C (-40° ... 104°F)
Insulation class	E
Harmonic currents	up to 50. harmonic
Normative Standards	IEC 61869 part 1+2 DIN EN 42600 VDE 0100 DGUV rule 3 DIN EN 50274 / VDE 0660-514
General properties	· unbreakable plastic housing polyamide · flame retardant · nickel-plated secondary terminals with plus/minus screw, (2Nm) · integrated secondary covering
In delivery included	1 pc. primary rail 2 pcs. secondary terminal covering (yellow slider) 2 pcs. fork root

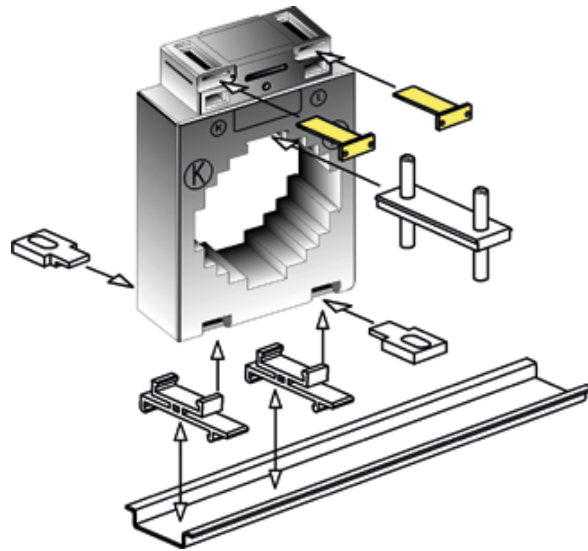
* Secondary current transformer .. / 1 A as well as other types on request.

Secondary connections

- Feeding of the secondary connections to the connection terminals through the rectangular opening in the front and rear sides
- Secondary connection by means of cable lugs through the side slots

Expanded secondary terminal covering

- In addition to the normal terminal covering, extra protective hoods are available
- Locking of the front and rear feed to the secondary terminals

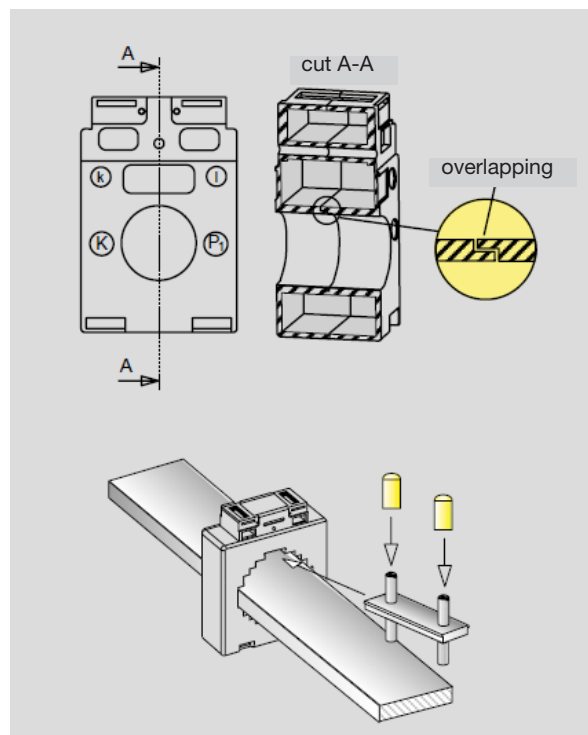


Increased reliability

- Both halves of the housing overlap rather than butting up against one another
- Break-proof plastic housing made from polyamide
- Non-combustible per UL 94 VO and self-extinguishing

Protective caps for primary bus bar fastening screws

- Fixing screws pins for the primary rail can be insulated by means of protective caps, available as an option
- Safeguard to prevent accidental contact

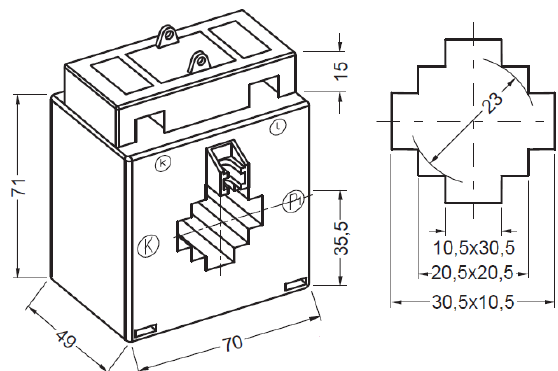


DIMENSIONS & DATA

EIPA30.5

Weight: app. 400 g (10.9 lb)

Primary current in A	Power in VA	Article number
50	1,5	0914813
75	2,5	0914812
100	2,5	0914811

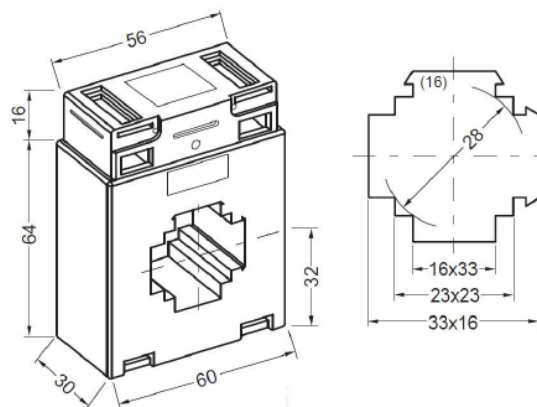


all dimensions in mm

E6A315.3

Weight: app. 300 g (0.7 lb)

Primary current in A	Power in VA	Article number
150	2,5	0910339
200	2,5	0910340
250	5	0910367
300	5	0910366
400	5	1502907
500	5	0910364
600	5	0911365

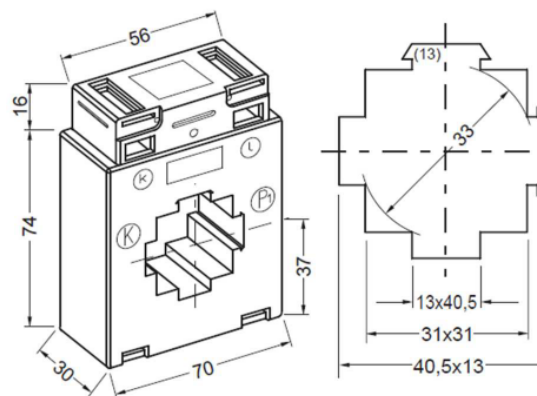


all dimensions in mm

E7A412.3

Weight: app. 400 g (0.9 lb)

Primary current in A	Power in VA	Article number
750	5	0910391
1000	5	0910888

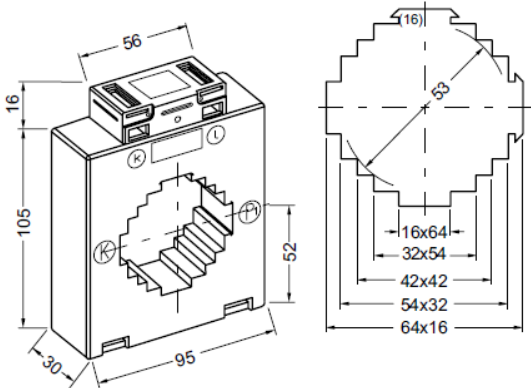


all dimensions in mm

E9A615.3

Weight: app. 500 g (1.1lb)

Primary current in A	Power in VA	Article number
1500	5	0910387

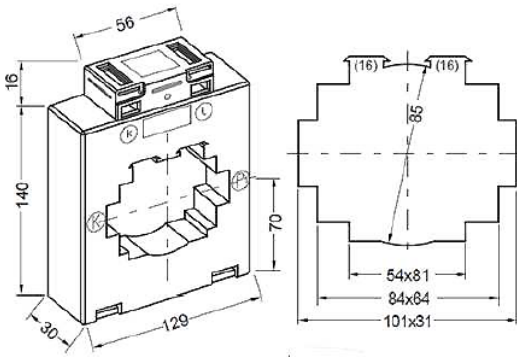


all dimensions in mm

E13A1030.3

Weight: app. 500 g (1.1 lb)

Primary current in A	Power in VA	Article number
2000	5	0912888
2500	5	0912889



all dimensions in mm

Janitza electronics GmbH
Vor dem Polstück 6
D-35633 Lahnau
Support Tel. +49 6441 9642-22
E-mail: info@janitza.de
www.janitza.de

Subject to technical changes

Janitza