



Plug-in current transformer

IPA40.5 / 6A315.3 / 7A412.3 / 8A512.3 / 9A615.3
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, (2 Nm) · integrated secondary covering
In delivery included	1 pc. primary rail 2 pcs. secondary terminal covering (yellow slider) 2 pcs. fork root

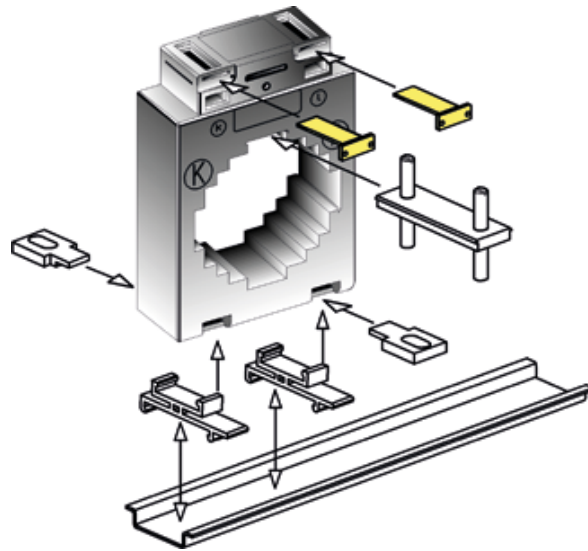
* Secondary current transformer .. / 1 A as well as other types on request.

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

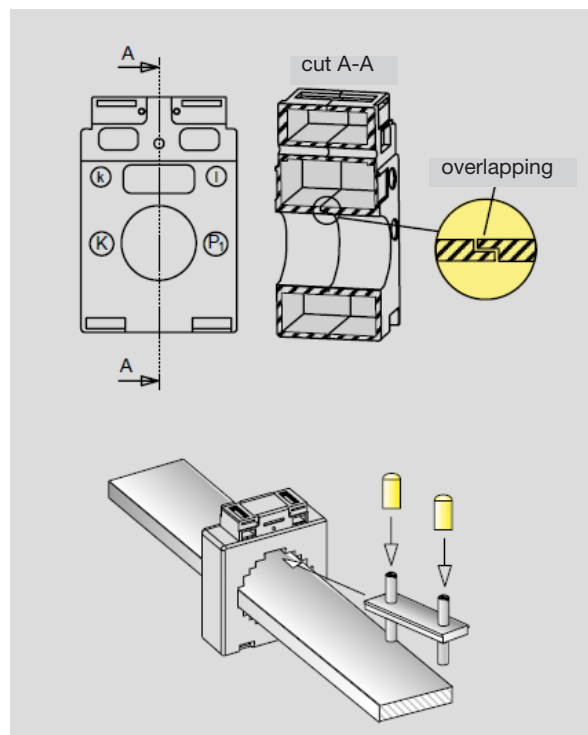


Increased reliability

- 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

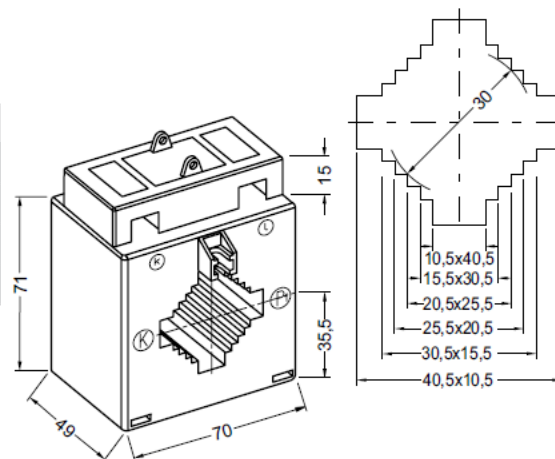


DIMENSIONS & DATA

IPA40.5

Weight: app. 600 g (1.2 lb)

Primary current in A	Power in VA	Article number
60	2	0905349
75	2	0905350
100	2,5	0905351
150	5	0905236

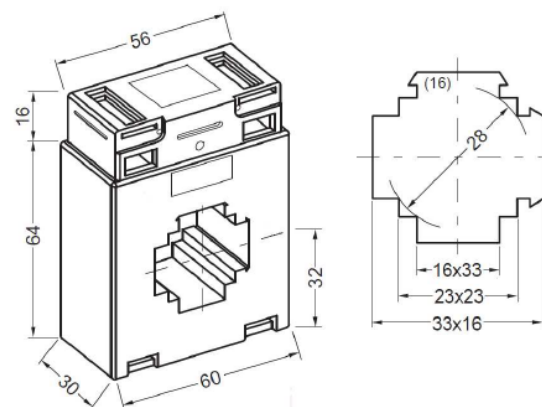


all dimensions in mm

6A315.3

Weight: : app. 300 g (0.7 lb)

Primary current in A	Power in VA	Article number
200	3,75	0900360
250	5	0900361
300	5	0900362
400	5	0900363
500	5	0900364
600	5	0900365

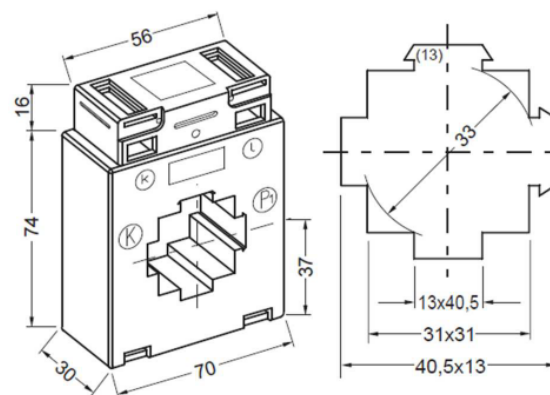


all dimensions in mm

7A412.3

Weight: app. 400 g (0.9 lb)

Primary current in A	Power in VA	Article number
800	5	0900887
1000	5	0900888

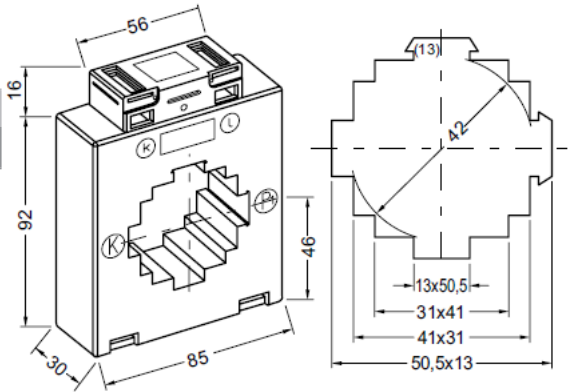


all dimensions in mm

8A512.3

Weight: app. 400 g (0.9 lb)

Primary current in A	Power in VA	Article number
1250	5	0901339

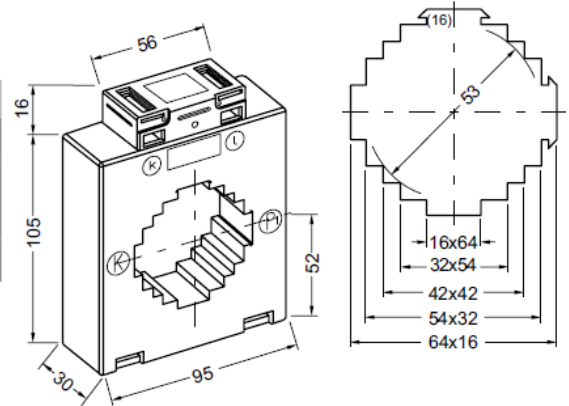


all dimensions in mm

9A615.3

Weight: app. 500 g (1.1 lb)

Primary current in A	Power in VA	Article number
1500	5	0901820
1600	5	0901821
2000	5	0901822
2500	5	0901823



all dimensions in mm

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Subject to technical changes

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