

Moulded case CT, class 1 and 0.5 ... / 5 A

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

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

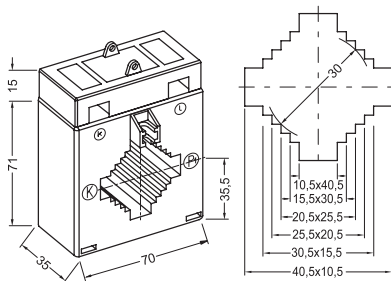
- In addition to the normal terminal covering, extra protective hoods are available
- Locking of the front and rear feed to the secondary terminals



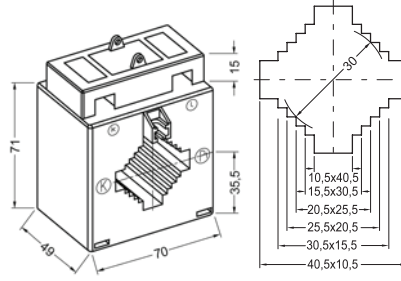
Dimension diagrams

All dimensions provided in mm

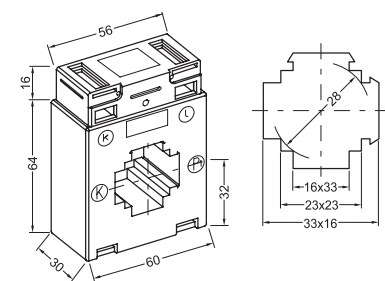
IPA40



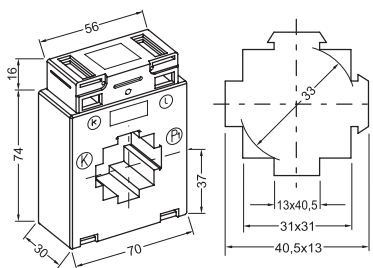
IPA40.5



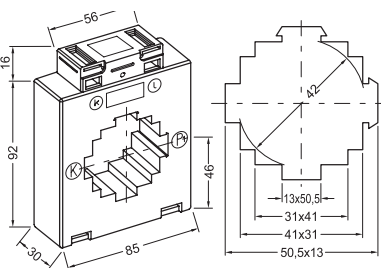
6A315.3



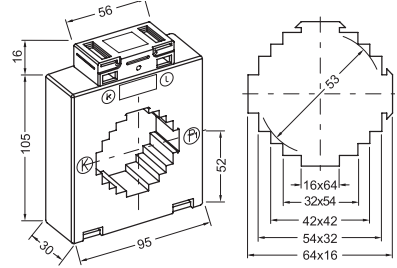
7A412.3



8A512.3



9A615.3



General mechanical properties

- Nominal frequency 50 – 60 Hz
- Insulation class E (other classes on request)
- Thermal rated short-term current $I_{th} = 60 \times I_N/1s$
- Rated surge current $I_{dyn} = 2.5 \times I_{th}$, min., however 100 kA
- Highest voltage for operating equipment $U_m = 0.72$ kV
- Rated insulation level (test voltage) 4 kV / 1 min (per EN 61869-2)
- Over-current limit factor FS5 or FS10
- Harmonics currents up to 50th harmonic



Technical data

Device overview, moulded case current transformer, class 1 ... / 5 A Secondary current*

Type	Primary current in A	Power in VA	Primary conductor (bus bars)	Round conductor in mm	Width in mm	Weight (kg)	Item no.
IPA40	50	2.5	40 x 10; 30 x 15; 25 x 20	30	70	0.4	09.05.110
IPA40	75	2.5	40 x 10; 30 x 15; 25 x 20	30	70	0.4	09.05.112
6A315.3	100	2.5	30 x 15 ; 20 x 20	28	60	0.3	09.00.404
6A315.3	150	5	30 x 15; 20 x 20	28	60	0.3	09.00.452
6A315.3	200	5	30 x 15; 20 x 20	28	60	0.3	09.00.424
6A315.3	250	5	30 x 15; 20 x 20	28	60	0.3	09.00.425
6A315.3	300	5	30 x 15; 20 x 20	28	60	0.3	09.00.426
6A315.3	400	5	30 x 15; 20 x 20	28	60	0.3	09.00.427
6A315.3	500	5	30 x 15; 20 x 20	28	60	0.3	09.00.428
6A315.3	600	5	30 x 15; 20 x 20	28	60	0.3	09.00.429
7A412.3	800	5	40 x 12; 2 x 30 x 10	33	70	0.4	09.00.981
7A412.3	1,000	5	40 x 12; 2 x 30 x 10	33	70	0.4	09.00.982
8A512.3	1,250	5	50 x 12; 2 x 40 x 10	42	85	0.5	09.01.412
8A512.3	1,500	5	50 x 12; 2 x 40 x 10	42	85	0.5	09.01.413
9A615.3	1,500	5	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.900
9A615.3	1,600	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.901
9A615.3	2,000	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.902
9A615.3	2,500	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.903

Device overview, moulded case current transformer, class 0.5 ... / 5 A Secondary current*

Type	Primary current in A	Power in VA	Primary conductor (bus bars)	Round conductor in mm	Width in mm	Weight (kg)	Item no.
IPA40.5	50	2.5	40 x 10; 30 x 15; 25 x 20	30	70	0.6	09.05.250
IPA40.5	75	2.5	40 x 10; 30 x 15; 25 x 20	30	70	0.6	09.05.252
IPA40.5	100	5	30 x 15 ; 20 x 20	30	70	0.5	09.05.234
IPA40.5	150	10	30 x 15; 20 x 20	30	70	0.6	09.05.236
6A315.3	200	3.75	30 x 15; 20 x 20	28	60	0.3	09.00.360
6A315.3	250	5	30 x 15; 20 x 20	28	60	0.3	09.00.361
6A315.3	300	5	30 x 15; 20 x 20	28	60	0.3	09.00.362
6A315.3	400	5	30 x 15; 20 x 20	28	60	0.3	09.00.363
6A315.3	500	5	30 x 15; 20 x 20	28	60	0.3	09.00.364
6A315.3	600	5	30 x 15; 20 x 20	28	60	0.3	09.00.365
7A412.3	800	5	40 x 12; 2 x 30 x 10	33	70	0.4	09.00.887
7A412.3	1,000	5	40 x 12; 2 x 30 x 10	33	70	0.4	09.00.888
8A512.3	1,250	5	50 x 12; 2 x 40 x 10	42	85	0.4	09.01.339
9A615.3	1,500	5	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.820
9A615.3	1,600	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.821
9A615.3	2,000	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.822
9A615.3	2,500	10	63 x 15; 2 x 50 x 10	53	95	0.5	09.01.823

Accessories

Mounting clip	for DIN rail EN 50022-35, suitable for IPA40 style, 1 pair	0.01	09.09.000
Mounting clip	for DIN rail EN 50022-35, suitable for 6A315.3, 7A412.3 and 8A512.3 style, 1 pair	0.01	09.09.001
Mounting clip	for DIN rail EN 50022-35, suitable for IPA40.5 style, 1 pair	0.01	09.09.002

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