

Current Transformer Selection Chart

SOLID CORE CURRENT TRANSFORMER - CABLE TYPE



SOLID CORE CURRENT TRANSFORMER - BUSBAR TYPE



Current Transformer Model	TAIBB	TA327	TA432	TAS65	TAS102	TAS127
Accuracy Rating	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5
Rated Burden	1VA to 7.5VA	1.5VA to 20VA	1VA to 15VA	1VA to 25VA	8VA to 25VA	2VA up to 30VA
Primary Current Options	40, 50, 60, 70, 75, 80, 100, 120, 125, 150, 200, 250, 300	50, 60, 75, 80, 100, 120, 125, 150, 200, 250, 300, 400, 500, 600	100, 150, 200, 250, 300, 400, 500, 600, 750, 800, 1000	500, 600, 750, 800, 1000, 1200, 1500	1000, 1200, 1250, 1500, 1600, 2000, 2500, 3000	1500, 1600, 2000, 2500, 3000, 4000
Secondary Current Options	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A
Window Size	Ø21mm	Ø27mm	Ø32mm	65mm x 32mm	102mm x 38mm	127mm x 38mm
Mounting Options	Screw or DIN rail mounted	Screw or DIN rail mounted	Screw or DIN rail mounted	Screw or busbar mounted	Screw or busbar mounted	Screw or busbar mounted
Part Number	TAIBBXXXYA ¹⁾²⁾	TA327XXXYA ¹⁾²⁾	TA432XXXYA ¹⁾²⁾	TAS65XXXYA ¹⁾²⁾	TAS102XXXYA ¹⁾²⁾	TAS127XXXYA ¹⁾²⁾
Terminal cover part number	ATACOP12	ATACOP13	ATACOP13	ATACOP04	ATACOP04	ATACOP04

SPLIT CORE CURRENT TRANSFORMER



PRIMARY CURRENT WOUND TRANSFORMERS



Current Transformer Model	TRA230	TRA580	TRA812	TRA816	TAQ10
Accuracy Rating	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5	Up to CL 0.5
Rated Burden	1VA to 6VA	1VA to 10VA	3VA to 15VA	15VA to 25VA	10VA or 15VA
Primary Current Options	60, 100, 150, 200, 250, 300, 400	250, 300, 400, 500, 600, 800, 1000	500, 600, 800, 1000, 1200, 1500	2000, 2500, 3000, 4000, 5000	10, 25
Secondary Current Options	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A
Window Size	20mm x 30mm	50mm x 80mm	80mm x 120mm	80mm x 160mm	NA
Mounting Options	Screw or busbar mounted	Screw or busbar mounted	Screw or busbar mounted	Screw or busbar mounted	Screw Mounted
Part Number	TRA230XXXYA ¹⁾²⁾	TRA580XXXYA ¹⁾²⁾	TRA812XXXYA ¹⁾²⁾	TRA816XXXYA ¹⁾²⁾	TAQXXXYA ¹⁾²⁾
Terminal cover part number	ATACOP13	ATACOP13	ATACOP13	ATACOP13	ATACOP03



Current transformers are a vital component of your energy metering requirements. NHP has a complete range of meters to meet your needs - follow the links below to view our products and solutions:

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¹⁾ In order to build the part number required, replace the XXX with the desired primary current option and Y with the desired secondary current option.

²⁾ Terminal covers are ordered separately.