

PR series protection range



The classification of protection current transformers follows the following simple formula:



Manufacturers of protection devices will normally specify the classification for the protection current transformer intended to operate the particular protection device concerned.

In addition the classification of protection current transformers indicates accuracy class: 5P – current transformer will have a ratio error of 1% and phase error not exceeding 60 minutes. 10P – current transformer will have a ratio error of 3% (no level of phase error specified).

The PR series is a range of two of the most popular classifications of protection current transformers, 5P10 and 10P10. Other classifications are possible (such as 5P20 or 10P20). Please consult factory for a quotation should you require an alternative classification or a current transformer with dimensions different to those set out below.

PART NUMBER	RATIO RANGE	VA BURDEN	ACCURACY CLASS	A	B	C	D	APPROX. WEIGHT
PR-35-100/5A-2.5	100/5	2.5	10P10	35	98	60	100	2
PR-35-100/5A-5	100/5	5	10P10	35	98	90	100	3
PR-35-120/5A-2.5	120/5	2.5	10P10	35	98	55	100	2
PR-35-120/5A-5	120/5	5	10P10	35	98	85	100	3
PR-35-150/5A-2.5	150/5	2.5	5P10 & 10P10	35	98	50	100	1.5
PR-35-150/5A-5	150/5	5	5P10 & 10P10	35	98	70	100	2.5
PR-35-200/5A-2.5	200/5	2.5	5P10 & 10P10	35	98	40	100	1
PR-35-200/5A-5	200/5	5	5P10 & 10P10	35	98	60	100	2
PR-35-250/5A-2.5	250/5	2.5	5P10 & 10P10	35	98	35	100	1
PR-35-250/5A-5	250/5	5	5P10 & 10P10	35	98	55	100	1.5
PR-55-300/5A-5	300/5	5	5P10 & 10P10	55	98	75	100	1.5
PR-55-300/5A-15	300/5	15	5P10 & 10P10	55	125	90	100	4
PR-55-400/5A-5	400/5	5	5P10 & 10P10	55	98	60	100	1.5
PR-55-400/5A-15	400/5	15	5P10 & 10P10	55	125	65	100	3
PR-55-500/5A-5	500/5	5	5P10 & 10P10	55	98	55	100	1
PR-55-500/5A-15	500/5	15	5P10 & 10P10	55	125	60	100	2.5
PR-55-600/5A-5	600/5	5	5P10 & 10P10	55	98	50	100	1
PR-55-600/5A-15	600/5	15	5P10 & 10P10	55	125	55	100	2.5
PR-65-800/5A-5	800/5	5	5P10 & 10P10	65	110	40	100	1
PR-65-800/5A-15	800/5	15	5P10 & 10P10	65	110	80	100	3
PR-80-1000/5A-15	1000/5	15	5P10 & 10P10	80	125	70	100	2
PR-80-1200/5A-15	1200/5	15	5P10 & 10P10	80	125	65	100	2.5
PR-90-1500/5A-15	1500/5	15	5P10 & 10P10	90	140	55	100	2.5
PR-90-1600/5A-15	1600/5	15	5P10 & 10P10	90	140	55	100	2.5
PR-100-2000/5A-15	2000/5	15	5P10 & 10P10	100	155	55	100	3
PR-110-2500/5A-15	2500/5	15	5P10 & 10P10	110	165	45	100	3
PR-120-3000/5A-15	3000/5	15	5P10 & 10P10	120	180	45	150	3

Consult factory for availability and lead time on 1 A secondary for protection range.

1 A current transformer dimensions may vary by up to 10%.

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