

Current transformers for tariff metering



All types of connections
Primary from 50 to 3,000 A
Classes 0.5 and 0.2s
Single, bi or tri-calibre
Very wide range

Choose your current transformer

CORE - SINGLE-PHASE												PLATE - THREE-PHASE		
		JVR 86	JVO 40-100	JVO 40-100 S	J3R 80B	JVO 90-160 S	JVS 38B	JVP 1025	JVP 1045	JVP 1045B	JVP 1145 S	TRI 500	TRI 700	TRI 700 S
				 ERDF		 ERDF					 ERDF			 ERDF
Type of connection	Wound primary	Ø M8/M10 > 75 A												
	Cable primary (diameter in mm)		Ø 42	Ø 40	Ø 66	Ø 90	Ø 63							
	Busbar primary (mm)						50 x 50 60 x 30 80 x 30	100 x 20	100 x 40	100 x 40	100 x 12			
	Cable clamp (section mm²)													
Accuracy class		0.5	0.5	0.2s	0.5	0.2s	0.2s	0.5	0.5	0.5	0.2s	50 to 240 0.5	50 to 240 0.5	50 to 240 0.2s
Accuracy power (VA)		20	7.5 (bi-rating) / 15	7.5	15 (5 for 300 A 10 for 400 A)	7.5	10 (7.5 for 1,000 A)	15 (30 for 1,250 A)	15 (30 for 1,000 A)	7.5 (bi-rating) / 15	7.5	15	3.75	7.5
Rating	Single-rating													
	Bi-rating		200 - 500 A	200 - 500 A						500 - 1,000 A 1 000 - 2,000 A				50-100 A 100-200 A 200-500 A
	Tri-rating					500-1,000-2,000 A					500-1,000-2,000 A		100 - 200 - 500 A	
Primary	5 / 5 A	*												
	20 / 5 A	*												
	40 / 5 A	*												
	50 / 5 A													
	60 / 5 A	*												
	75 / 5 A													
	100 / 5 A	*												
	150 / 5 A													
	200 / 5 A													
	250 / 5 A													
	300 / 5 A				*									
	400 / 5 A				*									
	500 / 5 A				*									
	600 / 5 A				*									
	750 / 5 A				*									
	800 / 5 A													
	1,000 / 5 A				*									
	1,200 / 5 A													
	1,250 / 5 A													
	1,500 / 5 A													
	2,000 / 5 A													
	2,500 / 5 A													
	3,000 / 5 A													

* Also available with 1 A secondary - please contact us

Consumption (Va) / Connection distance								
Cable section (mm²)	5 A secondary							
	Double distance in metres between CT and meas.							
	1 m	2 m	4 m	6 m	8 m	10 m	15 m	20 m
0.5	1.75	3.51	7.02	10.53	14.04	17.54	26.32	35.09
0.75	1.17	2.34	4.68	7.02	9.36	11.7	17.54	23.39
1	0.88	1.75	3.51	5.26	7.02	8.77	13.16	17.54
1.5	0.58	1.17	2.34	3.51	4.68	5.85	8.77	11.7
2.5	0.35	0.7	1.4	2.11	2.81	3.51	5.26	7.02
4	0.22	0.44	0.88	1.32	1.75	2.19	3.29	4.92
6	0.15	0.23	0.58	0.88	1.17	1.46	2.19	2.92

Very wide range

- Compliant with the IEC 60044 standard
- Ideal for electronic meters (3.5 and 7.5 VA power ratings) and electromechanical meters (power ratings from 15 to 30 VA)
- Allows all types of connections (cable, busbars, etc.)

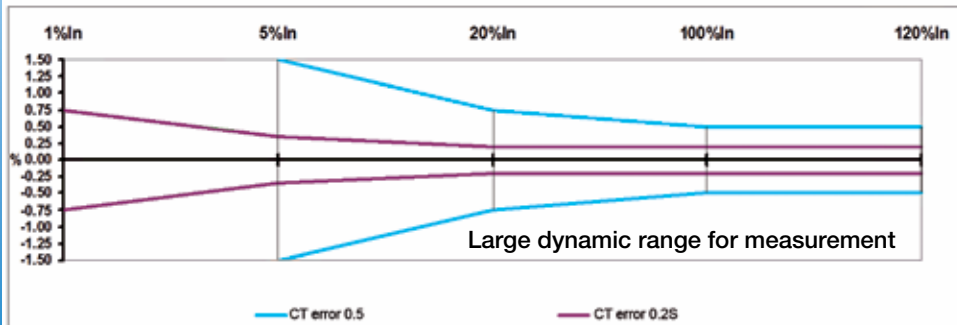
Multi-rating range

- Evolves to match the requirements on the installation
- Reduces the number of models to be stored

Individual test certificate

- Supplied on request when you order
- Standard feature for all ERDF-qualified CTs

Advantage of class 0.2s
To reduce the global error of the measurement line by ensuring 0.2 % accuracy from 20 to 120 % of In



To order

JVR 86

Primary	Reference
5 A	JVRC 8742
20 A	JVRC 8745
40 A	JVRC 8748
50 A	JVRC 8749
60 A	JVRC 8750
75 A	JVRC 8751
100 A	JVRC 8752
150 A	JVRC 8754
200 A	JVRC 8755

JVO 40-100

Primary	Reference / Power (VA)	
	7.5	15
200 A		JVON 7100
500 A		JVON 7101
200 - 500 A	JVON 7104	JVON 7102

JVO 40-100 S

Primary	Reference
200 - 500 A	P01379512

JVO 90-160 S

Primary	Reference
500 - 1,000 - 2,000 A	P01379513

J3R 80B

Primary	Reference
300 A	J3RC 7525
400 A	J3RC 7528
500 A	J3RC 7527
600 A	J3RC 7529
750 A	J3RC 7526
1,000 A	J3RC 7530
1,250 A	J3RC 7532
1,500 A	J3RC 7533

JVS 38B

Primary	Reference
1,000 A	JVSB38 1000/5
1,200 A	JVSB38 1200/5
1,500 A	JVSB38 1500/5
2,000 A	JVSB38 2000/5
2,500 A	JVSB38 2500/5
3,000 A	JVSB38 3000/5

JVP 1025

Primary	Reference
500 A	JVPT 8896
600 A	JVPT 8897
1,250 A	JVPT 8900

JVP 1045

Primary	Reference
600 A	JVPU 8908
1 000 A	JVPU 8910

JVP 1145 S

Primary	Reference
500 - 1,000 - 2,000 A	P01379510

JVP 1045B

Primary	Reference / Power (VA)	
	7.5	15
500 A		JVPA 7569
1,000 A		JVPA 7573
2,000 A		JVPA 7576
500 - 1,000 A	JVPA 7589	JVPA 7585
1 000 - 2,000 A	JVPA 7590	JVPA 7588

TRI 500

Primary*	Reference
50 A	TRI5 7823
100 A	TRI5 7825
150 A	TRI5 7826
200 A	TRI5 7827
300 A	TRI5 7828
500 A	TRI5 7831

TRI 700

Primary	Reference
100 - 200 - 500 A	P01379514

TRI 700 S

Primary	Reference
50 - 100 A	P01379515
100 - 200 A	P01379516
200 - 500 A	P01379517

**Don't forget
the JVM 15
current
totalizer**

for adding together the
instantaneous current
values from the secondaries
of 2/3 CTs.

Primary	Reference
5 + 5 A	JVMA 7523
5 + 5 + 5 A	JVMA 7524

* 75 A, 250 A, 400 A, 600 A on request

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