

CALIBRATION CERTIFICATE

Certificate number 07-1415

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applicant : Schneider Electric

instrument : Transformer operated three-phase four-wire energy meter
manufacturer : Schneider Electric
type : PM750 / PM750MG
serial number : 287
ranges : 120 V, 60 Hz
Nominal current : 5 A
Maximum current : 6 A
Accuracy class : 0,5s

calibration method : the calibration was performed by means of a static energy standard

environmental conditions : (23,0 ± 2,0) °C
date of calibration : 21 September 2006
results : the instrument does meets the requirements of IEC 62053-22, clause 8.1. The results of the calibration are listed on page 2 of this certificate

uncertainty : ± 0,05% based on apparent power.
the reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, which provides a confidence level of approximately 95%. The standard uncertainty has been determined in accordance with EA-4/02

traceability : the measurements have been executed using standards for which the traceability to (inter)national standards has been demonstrated towards the RvA.

Arnhem, 19 September 2007

KEMA Quality B.V.
Calibration

M. Thuis



The investigation reported here does not confer any right to use an approbation mark granted by KEMA.

Integral publication of this certificate and adjoining reports is allowed.

This certificate is issued provided that neither KEMA nor the RvA assumes any liability.

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Experience you can trust.

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I in % of In	1/3 ph	Percentage error at $\cos \varphi =$		
		1	0,5 ind.	0,8 cap.
1	3ph	0,26%		
2	3ph	0,25%	-0,07%	0,34%
3	3ph	0,24%		
5	3ph	0,22%		
5	1ph,1	0,00%		
5	1ph,2	0,19%		
5	1ph,3	0,37%		
10	3ph	0,20%	0,20%	0,19%
10	1ph,1		0,24%	
10	1ph,2		0,15%	
10	1ph,3		0,18%	
15	1ph,1	0,00%		
15	1ph,2	0,18%		
15	1ph,3	0,26%		
20	3ph	0,12%	0,24%	0,07%
50	3ph	0,13%	0,12%	0,13%
50	1ph,1	0,02%		
50	1ph,2	0,15%		
50	1ph,3	0,20%		
100	3ph	0,15%	0,14%	0,19%
100	1ph,1	0,09%	0,14%	
100	1ph,2	0,17%	0,19%	
100	1ph,3	0,20%	0,30%	
I_{max}	3ph	0,20%	0,16%	0,20%
I_{max}	1ph,1	0,07%	0,03%	
I_{max}	1ph,2	0,16%	0,17%	
I_{max}	1ph,3	0,23%	0,23%	