

	SM101E	SM101C
<b>Current (TRMS)</b>		
I (1 <sup>st</sup> CT)	5A...9999A	
I (2 <sup>nd</sup> CT)	5A	
I <sub>n</sub>	Calculated	
Minimum measuring current (2 <sup>nd</sup> CT)	5mA	
Input consumption	<0.6VA per phase	
Permanent overload (2 <sup>nd</sup> CT)	6A	
Accuracy	±0.2%	
THD		±1%
Update period	1s	
<b>Voltage (TRMS)</b>		
U	50V a.c....520V a.c. (Ph-Ph) 28V a.c....300V a.c. (Ph-N)	
Input consumption	<0.1VA per phase	
Permanent overload (2 <sup>nd</sup> CT)	760V a.c.	
Accuracy	±0.2%	
THD		±1%
Update period	1s	
<b>Power</b>		
Accuracy (P,Q)	±0.5%	
Accuracy (S)	±1%	
Accuracy (PF)	±0.02%	
Update period	1s	
<b>Energy</b>		
Accuracy (Ea)		Class 0.5s
Accuracy (Er)		Class 2
Update period		1s
<b>Frequency</b>		
F	45Hz...65Hz	
Accuracy	±0.1%	
Update period	1s	
<b>Supply</b>		
Voltage	200V a.c....277V a.c. ±15%	
Frequency	50/60Hz	
Consumption	<5VA	
<b>Environment</b>		
Protection degree	IP51 (front panel) IP20 (case)	
Operating temperature	-10°C to +55°C	
Storage temperature	-20°C to +70°C	
Insulation category	III (300V a.c. Ph-Ph)	
Degree of pollution	PD2	
<b>Communication</b>		
Metrological LED	N/A	0.1Wh / pulse
Pulse output	N/A	30V d.c. / 27mA Max
Communication	N/A	RS485 2/3 wires half duplex Jbus/Modbus 2,400bds...38,400bds Parity (no,odd,even) 1 or 2 Stop bytes
<b>Connection</b>		
Network	1BL 2BL 3BL/3NBL 4BL/4NBL	
Current/Voltage input	4mm <sup>2</sup> (solid or stranded)	
Others	2.5mm <sup>2</sup> (solid or stranded)	
Max torque	0.6Nm	
<b>Shape</b>		
Weight	205g	215g
Size	4M, 73mm x 90mm x 67mm	