

	SM101E	SM101C
Current (TRMS)		
I (1 st CT)	5A...9999A	
I (2 nd CT)	5A	
I _n	Calculated	
Minimum measuring current (2 nd CT)	5mA	
Input consumption	<0.6VA per phase	
Permanent overload (2 nd CT)	6A	
Accuracy	±0.2%	
THD		±1%
Update period	1s	
Voltage (TRMS)		
U	50Vac...520Vac (Ph-Ph) 28Vac...300Vac (Ph-N)	
Input consumption	<0.1VA per phase	
Permanent overload (2 nd CT)	760Vac	
Accuracy	±0.2%	
THD		±1%
Update period	1s	
Power		
Accuracy (P,Q)	±0.5%	
Accuracy (S)	±1%	
Accuracy (PF)	±0.02%	
Update period	1s	
Energy		
Accuracy (E _a)		Class 0.5s
Accuracy (E _r)		Class 2
Update period		1s
Frequency		
F	45Hz...65Hz	
Accuracy	±0.1%	
Update period	1s	
Supply		
Voltage	200Vac...277Vac ±15%	
Frequency	50/60Hz	
Consumption	<5VA	
Environment		
Protection degree	IP51 (front panel) IP20 (case)	
Operating temperature	-10°C to +55°C	
Storage temperature	-20°C to +70°C	
Insulation category	III (300Vac Ph-Ph)	
Degree of pollution	PD2	
Communication		
Metrological LED	N/A	0.1Wh/pulse
Pulse output	N/A	30Vdc/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
Connection		
Network	1BL 2BL 3BL/3NBL 4BL/4NBL	
Current/Voltage input	4mm ² (solid or stranded)	
Others	2.5mm ² (solid or stranded)	
Max torque	0.6Nm	
Shape		
Weight	205g	215g
Size	4M, 73mm x 90mm x 67mm	