

Single Phase Static Energy Meter - Technical Data

Model/Type of Meter	HXE12
Accuracy Class	1.0
LCD Display	8 digits
Basic Current	10A
Maximum Current	40A
Operating Voltage	240V (+20%, -30%)
Overload Capacity	
i) For the Consideration of Accuracy	40A
ii) For the Thermal Consideration	50A
Power Losses	
i) Potential Circuit	≤10 VA, 2.0 W
ii) Current Circuit	≤4 VA
Encapsulation Details	
i) Current Sensor	One Shunt, One CT
ii) Class of Insulation	Class II
Dielectric Strength	
i) Impulse Voltage	8kV
ii) AC Voltage Test	4kV
Insulation Resistance of Meter	>> 5M Ω
Material Details of the Following Items	
i) Base	Output PC
ii) Cover	UV Stable PC Transparent
iii) Security Box	UV Stable PC Transparent
iv) Terminal Block	PBT + 30% Fiber Glass
v) Terminal	Brass
vi) PCB (Printed Circuit Board)	FR-4
Temperature Rise of Meter	< 25°
Clock Accuracy	±20 ppm
Battery Shelf Life	15 years
Type of Terminals	Pressure Plate
Energy Recording	Absolute