

MID approved three-phase four wire kWh meter



The HXE34 is a MID approved (Appendix B & D) three phase kWh meter for wall mounting locations. A clear green back light LCD display provides easy reading of energy used. The meter also has a pulse output (SO 100imp/kWh) for use in energy monitoring systems or a BMS. A display indication is provided if an external magnetic interference takes place. Ideal meter for solar PV generation
Illumination indication L1 L2 L3 voltage lines present
Bar indication of Load

Technical Data

Data in compliance with EN 62053-21, EN62053-31, EN62056-21, DIN 43857-3

Measuring scope	Active energy, MD
Rated voltage	3 x 230 V [230/400 V]
Voltage range	0.8UN~1.2UN
Rated Frequency	50Hz
Rate Indicator LED	1000 imp/kWh
Communication	Optical port, RS485 with EN62056-21
Communication	SO pulse output 100 imp/kWh
Accuracy class	C1.B
Basic current	10 A
Maximum current	100A
Minimum current	150 mA
Starting current	15 mA
Power consumption	Voltage circuit <0.56W Apparent Power at UN <2.36VA Current circuit <0.025VA
Tamper detection	External magnetic detection
Display	7 digits LCD, 7 integers
Operating temperature range	-40 ^o to + 70 ^o C
Humidity operating range	95%
Degree of protection	IP54
Meter life	No less than 15 years
Weight	Approximate 1.485 kg
Dimensions (L x W x H)	262 mm x 170 mm x 70 mm [short terminal cover]
Meter cover	Transparent PC
Meter base	Glass fibered PC
Terminal Box cover	Glass fibered PC

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