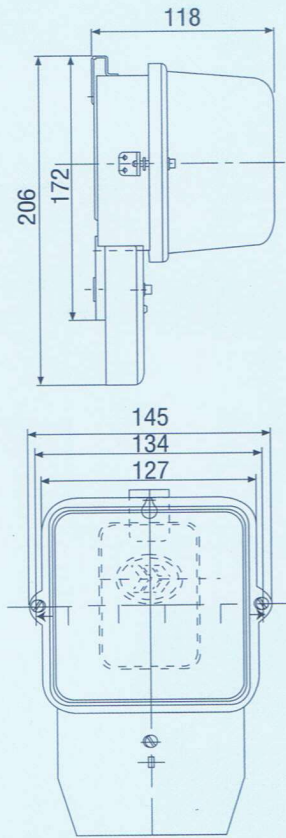


Product HLD01 Series

Outline Dimension (mm)



DESCRIPTION

The HLD01 single-phase watt-hour meter is adopted the latest technology in the range of ferrous type induction meter. The meter has been designed in a modular structure allowing for fewer components with the benefits of reduced cost and increased reliability. Servicing costs have been kept to a minimum due to the structure design, and the wide measuring range ensures accurate measurement at both low and high loads.

The HLD01 meter enables electricity supplier authorities to install the meter with total confidence, realizing these expected high peak loads, while at the same time recording low consumption accurately.

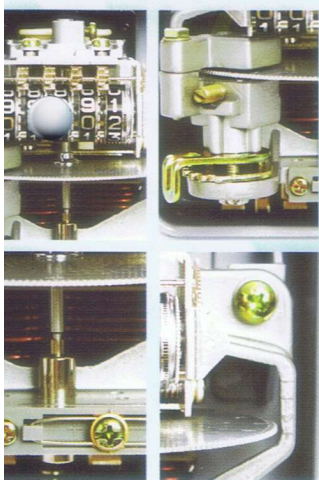
A long and trouble-free service life is guaranteed by a state of art design concept, specialized finishing of components, and high stability of the brake magnets.

The HLD01 meter, awarded the KEMA certification, has been designed and manufactured in compliance with IEC521.

Single-phase Watt-hour Meter

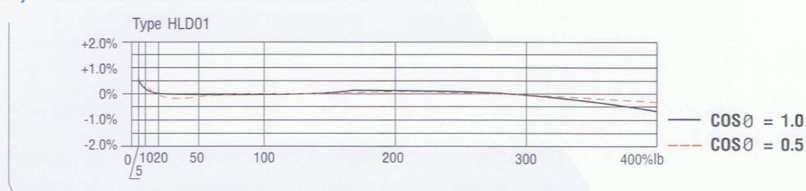
SPECIFICATIONS

Type	HLD01
Type of Connection	Direct
Standard Reference Voltage	220 V
Optional Reference Voltage	110, 120, 230, 240, 250 V
Rated Frequency	50 or 60 Hz
Rated (Max.) Current	5(15), 10(30), 15(45), 20(60), 30(100)A
Voltage Circuit Consumption at Nominal Charge	< 1VA
Current Circuit Consumption at Nominal Charge	< 1 W < 5 VA
Starting Current	< 0.5% I _b
Lower bearing	Magnetic
Accuracy class	2.0
Case	Metal
Terminal Cover	Extended
Register	Cyclometer
Weight	2.0 Kg.

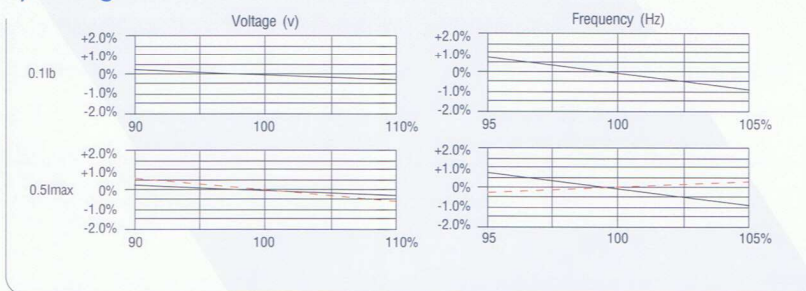


TYPICAL PERFORMANCE CHARACTERISTICS

A) Load curves of whole current meters



B) Average values of additional errors



C) Error due to temperature variation

