



1 Phase 2 Wire Electronic Electricity Meter

Residential Application

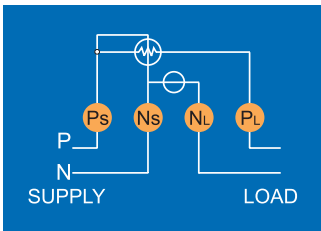
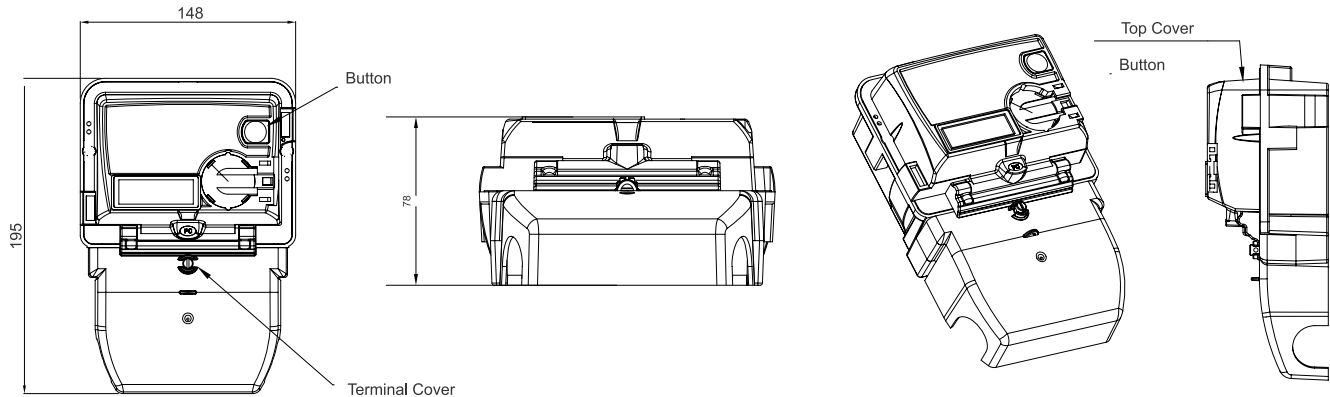
Genus model type 01 B meter offers utilities with an accurate, reliable & cost effective solution for measurement of electrical energy consumption on 2 wire network.

Meter has been specifically designed to operate with high endurance in Tropical Climate and work within CL-1.0 accuracy as per IEC standards.

The Meter offers several anti-tamper features.

Technical Specifications

CONNECTION	1 Phase 2 Wire	MECHANICAL	Dimensions (mm)	195 x 148 x 78 (LxWxH)
COMPLIANCE	IEC 62052-11 IEC 62053-21		Enclosure Material	Engineering Plastic
ACCURACY	Class 1.0		Degree of Protection	Ip54
POWER SUPPLY			Weight	0.7 kg (approx)
Rated Voltage*	230/ 240V -30% to +20%	USW	Ultrasonic welding to avoid unauthorized access	
Rated Frequency	50 Hz \pm 5%	ETBC	Transparent extended terminal cover	
*Other ratings available		TIME CLOCK & CALENDAR	Normal power source	Main supply RTC
CURRENT RANGE	10-40A, 10-60A, 20-80A		Back-up source	Lithium Battery
*Other ratings / ranges available on request			Service life of Meter	10 years
ENVIRONMENTAL		DATA RETENTION	Unpowered	10 years minimum
Operating Temp.	-10°C to +55°C	ACTIVITY INDICATOR	High intensity red LED for calibration / testing	
Storage Temp.	-25°C to +70°C			
Relative Humidity	Up to 95% non-condensing			
DISPLAY	7 Digit 8 Segment			



Genus Power Infrastructures Limited is one of the leading names in the Metering Space and offers utilities with a wide range of customized metering solutions. It's the flagship company of the progressive \$300 million Kailash Group, and also undertakes Engineering Construction and Contracts in the power infrastructure space. The company has the full fledged Research & Developments (R&D) lab recognized by Ministry of Science and Technology, Govt. of India and accredited from NABL to perform the in-house tests in line with IEC 17025 standards. With state of the art manufacturing facilities, Genus caters to a large number of utilities in India and overseas.



Corporate Office:

Genus Power Infrastructures Ltd.
(A Kailash Group Company)

SPL-3, RIICO Industrial Area, Sitapura, Tonk Road, Jaipur-302022, (Raj.), INDIA
T. +91-141-7102400/500 | F. +91-141-2770319, 7102503
E. metering_exports@genus.in | W. www.genus.in