



Indus



**Automatic Electrical
Load Monitoring System**

MODEL - H6A

MAXIMUM DEMAND CONTROLLER

SALIENT FEATURES

- ◆ Monitors and Controls Maximum Demand in KW or KVA (selectable)
- ◆ Saves money - short payback period.
- ◆ Good Demand Management - Avoids Penalty.
- ◆ Suitable for all types of loads - Sliding / Fixed interval demand selectable at site.
- ◆ Demand settings - Six demands in Six time slots.
- ◆ Import / Export demand setting facility.
- ◆ Low Power factor monitoring.
- ◆ Computer / cloud connectivity - Demand Management Software.

SAVE MONEY ⚡ **CONSERVE ENERGY** ⚡ **UTILIZE MORE POWER**

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YEARS OF EXCELLENCE



MAXIMUM DEMAND CONTROLLER



APPLICATION

- Maximum demand monitor and control management.
 - Actual maximum demand can be curtailed which saves electricity charges.
 - Positive method to limit the load within contracted demand – avoids penalty.
- Helps to save Maximum Demand charges when power cut is not in force.
- Optimum utilization of diesel power and EB power helps to minimize the cost of Diesel consumption.
- The load / machines which do not affect the main production process only need to be tripped.
- Alarm signal helps in advance to control the tripping manually.

KEY FEATURES

- Displays - V, A, Hz, PF, KW, KVA, KVAR, KWH, KVAH, KVARH, KVARH-L, KVARH-C, Export KWH.
- Demand in KW / KVA.
- Peak demand – Peak Date & Time.
- TOD True energy.
- TOD Apparent energy.
- True RMS Measurements.
- RS 485 port to communicate with computer/cloud.

DEMAND MANAGEMENT

- Integration period can be set from 1 min. to 35 min.
- KW/KVA demand selectable at site.
- 6 time slots per day.
- Programmable alarm and final set values.
- Individual integrations for all Energy values of all the time slots.
- Auto reset of trip signals - programmable.
- Voltage and current failure diagnostic facility.
- Import and Export measurement.
- Power Summing from all transformers.
- Jumbo display connectivity for selected parameters.

TECHNICAL SPECIFICATION

Sensing / Measurement	True RMS, phase, total power and energy	Communication	RS 485 Outputs (Optional) 1. To communicate with PC 2. To communicate with Jumbo Display / Slave Meter
Auxiliary Power Supply	90V-250V ± 10%	Jumbo Display	6 Digit seven segment LED display (Optional)
Current Input	5A / 1A	Time Slots	6 Time Slots (Max)
Voltage Input (Line to Line)	500V RMS (MAX)	Demand Reset	Auto and Manual
Burden	0.1VA Typical	Dimension	215 mm x 140 mm x 100 mm
Frequency	50 Hz ± 5%	Panel Cutout	189 mm x 129 mm

OUR OTHER PRODUCTS

- Ring Spinning Multi Stage Speed Controller
- Power Meter
- Power Factor Controller
- Voltmeter
- Electronic Ribbon Breaker
- Ammeter
- Variable Frequency Drive
- Production Counters

"INDUS" strives for continuous product innovation. Product specifications are subject to change without notice.

Manufacturer:

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