NORDATEC
SMART ENERGY

LM-2000 Coil Manager for Window and Split AC
Connected module for Window AC and Split AC

DUBAI UAE

LM-2000 integrates simply into existing Window and Split AC-unit with minor installation procedure.

The LM-2000 exposes the main controls the AC units to a central management agent such as BMS-3000 and APM-3200.

LM-2000 INCLUDE THE FOLLOWING BENEFITS

Transparent

LM – 2000 RESPECTS THE EXISTING CONTROLS OF THE AC UNITS :
- control panel for Window AC.
- IR Remote Control for Split AC.
The user experience is transparent and no change management is required.

Efficient

Central Management of settings (including setpoint) reduces the electrical consumption.

Tamper Proof

Tampering with Coil Manager or AC to reach a lower temperature than set-point generates an alarm to supervisor.

Consumption and efficiency KPI

TH LM-2000 GENERATES USAGE AND PERFORMANCE KPI
KPI help remotely identify troubles such as major consumer, poor performance or malfunction.

Predictive maintenance

LM 2000 GENERATES KPI TO A PERFORMANCE MANAGEMENT APM 3200 WHICH HELPS IDENTIFY :
- electrical over-consumption notification before it impacts the bill.
- electrical abnormal consumption, indicating a probable fault in the compressor, contactor or capacitor.
- fault, poor settings or fan issues.
- poor performance of the AC-Unit.

Preventive Maintenance

LM 2000 GENERATES KPI TO A PERFORMANCE MANAGEMENT APM 3200 WHICH HELPS IMPROVE MAINTENANCE ACTION SUCH AS :
- filter or coil cleaning.
- anti-fungus disinfection.
- compressor oil change, drain checks, fan checks.

In case of HW error or loss of Wifi-connection, an alarm is raised and the local settings override the LM 2000, ensuring that cooling process continues to maintain ambient conditions.

Compatibility :
single phase Window AC 220V
most single feeder and single phase Split AC including inverter units.

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