



ELECTRICAL INSTALLATIONS

ALMOND TRADING ENTERPRISES is a leading supplier of products, equipment and Carry out Electrical Installations as per national and international codes and standards

Electrical wiring / Installations in general refers to insulated conductors used to carry electricity in **building, Server rooms, and /or associated devices, equipment** within specific national and international electric codes and standards. The power supply installations comprise all installations for the generating, conversion, storage and distribution of electrical energy.





ELECTRICAL INSTALLATIONS

Electrical Installations

- **Supply and Installation Electrical cabling**
- **Supply and Installation Data cabling**
- **Supply and Installation of Cable Trays and Trunking**
- **Design and Installation of Panel Boards/Distribution boards**
- **UPS Installation**
- **Installation of PDU**
- **Earthing and Bonding**
- **PDU Power monitoring**
- **Energy Management system**
- **Supply of Power measurement products**
- **Supply and Installation of Light Fixtures.**
- **Power distribution through Industrial Sockets**

Power Measurement Products:

Digital Panel meters: Voltage, Current, PF, Frequency & VAF Meter, kW, kVA & kVAR & Harmonic Indicators, Digital Energy meter, 1/3 Phase Static Energy meters, Multi Function meter Dual Source Meters, Load Manager, Electronic Trivector meter, Transducers: Voltage, Current, PF, Frequency, KW, KVA & KVAR. Meters with Digital Inputs & Outputs, 0.2 Class Accuracy Meters

Option of Communication provided in all meters through RS485 serial port via MODBUS RTU / PROFIBUS Communication Protocol

Controllers:

APFC Relay for Contactor/Thyristor Switching, Maximum Demand Controllers

Process Control Instruments:

Temperature Indicators/Controllers, Alarm Annunciator, Temperature Scanners
RPM Indicators/Controllers, Current/Voltage Monitors, Motor Protection System, Sequential Timer, Counters, Timers and Signal converters, Flow Indicators/Totalizer, Weight Transmitters, Vibration scanner & Humidity Indicator, Large Size Display Units (2'', 4'' & 12'')

Custom Built Instruments

Panel Boards:

Automatic Power Factor Correction Panel using Contactor Switching, Dynamic Power Factor Correction Panel using Thyristor Switching Modules , Passive Harmonic Filter Panels using 5.67% / 7% / 14 % detuned filters /Custom designed tuned filter systems for individual harmonic. Active Harmonic Filter - STATCOM panel with technology transfer from C-DAC.
VFD Panels in association with FUJI ELECTRIC, Thyristor based Heater Controller Panels
Lighting Energy Saver Modules/Panels, Battery Charger Panels

Software Packages:

Energy Management System, Electronic Billing System
Substation Automation System, Load Monitoring & Shedding