



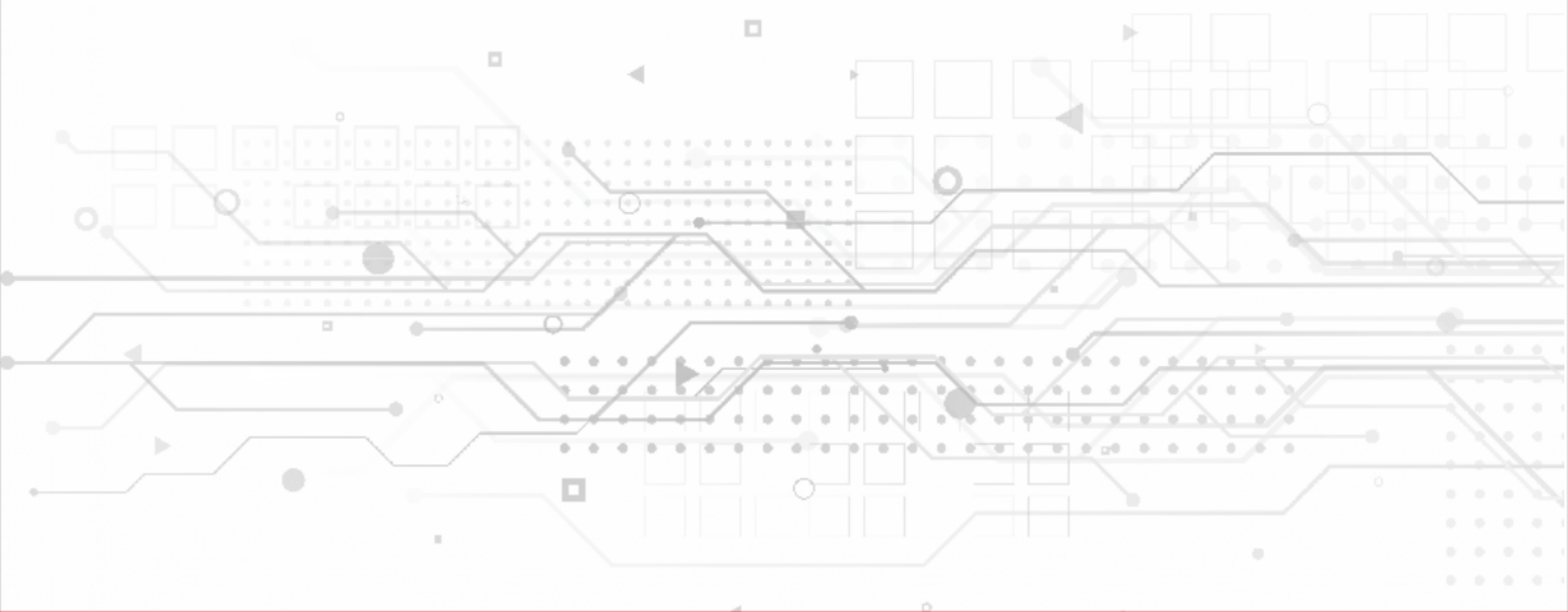
ELECTRICAL INDUSTRIAL/  
COMMERCIAL CONTRACTORS

ELECTRIC PANEL &  
CABLE TRAY MANUFACTURER

HARMONIC ANALYSIS, TESTING  
& ENERGY AUDIT



ESSWIN



# ABOUT US

Esswin Electro Controls Pvt Ltd was founded in Delhi, India in the year 1988 as a sole proprietorship firm initially called as Esswin Electro Controls and was subsequently incorporated as a private limited company in the year 2012

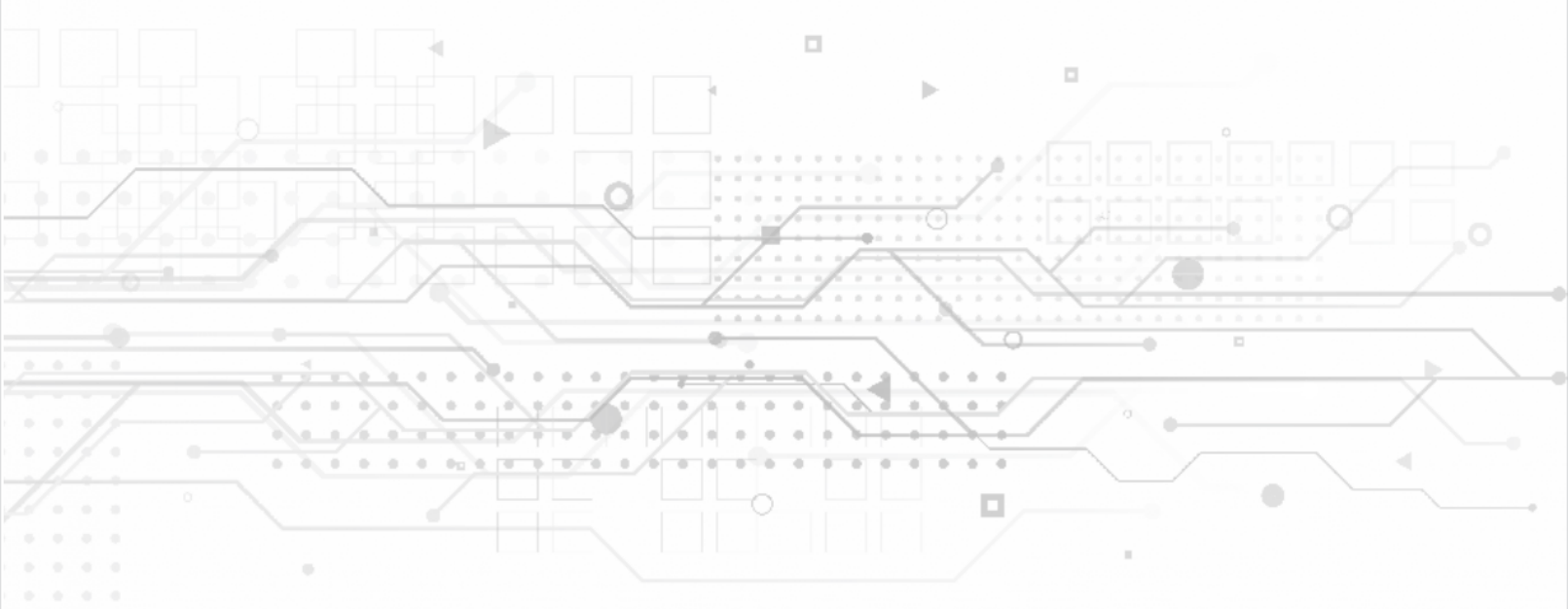
Esswin Electro Controls is thriving as a strong, consistent, Multifaceted, Multi disciplinary and vibrant organisation totally committed to quality and customer satisfaction. Long term relationship and repeat orders are testimony of the highest standard of quality and Customer satisfaction.

We are an ISO 9001 :2015 certified company Esswin Electro Controls Pvt Ltd is made position in competitive market by proving quality, safety and Timeline in Electrical and Instrumentation contracting

company which provides premier Engineering-Procurement- Construction (EPC) contract solutions consisting of supply, erection, testing and commissioning by transcendent project execution specialists.

Also Esswin have Manufacturing facility in Rudrapur and providing quality product of LT Panels, Bus Duct, Powder Coated Cable Tray, Race ways, SS Cable Tray. The Unit is equipped with Hi- Tech machine, tools and team of professionals who designs and manufactures.

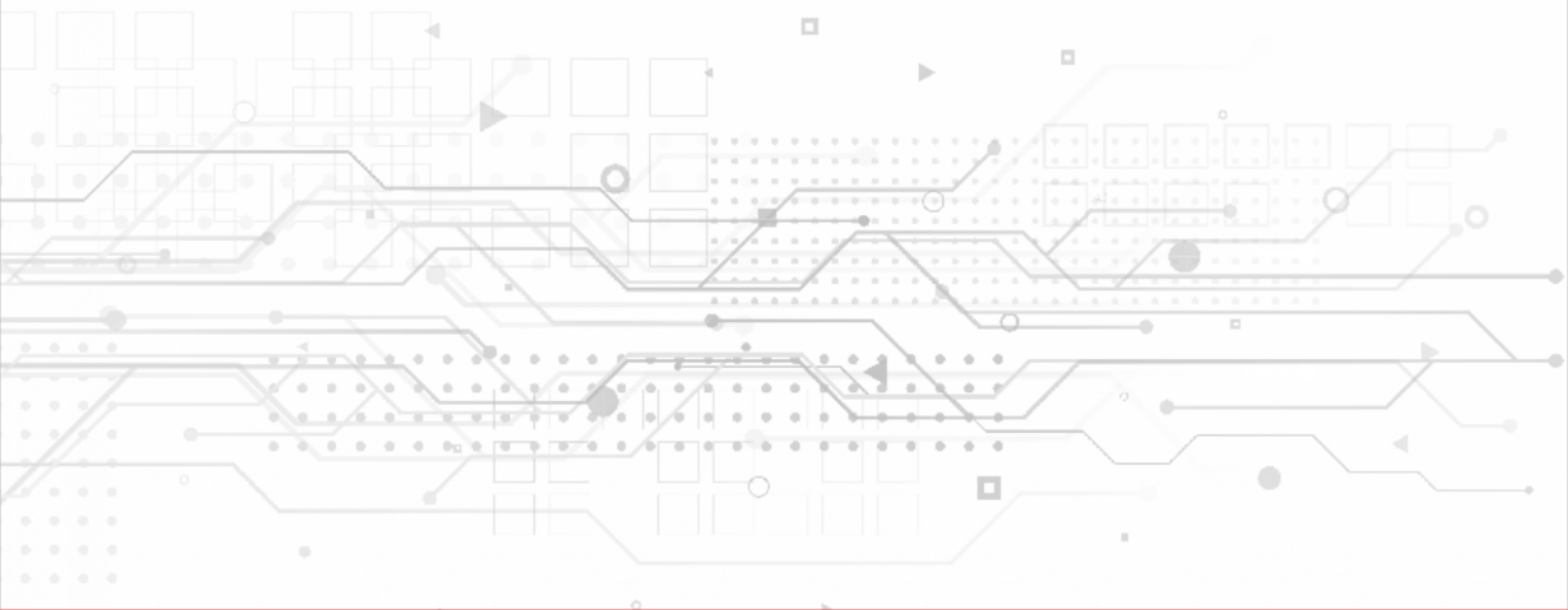
We have added a vertical to above which provides support to Industrial plant for their Power Quality Monitoring and subsequently solution for same in terms of product and knowledge. It Was acknowledged and certified as ECOEXPERT by Schneider Electric.



# SERVICES

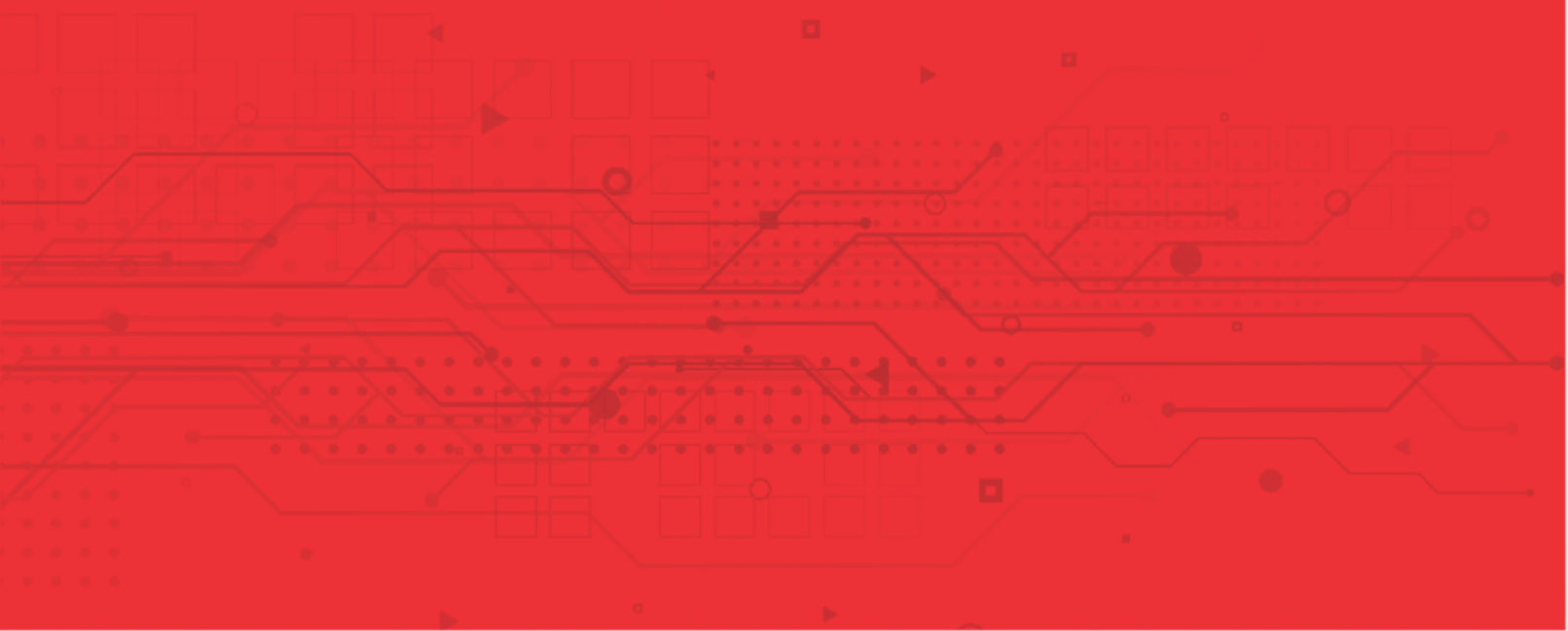
Our expertise is in the field of HT & LT Electrical works ranging from new Design and installations to Retrofits and round the clock Maintenance. Our projects include HT Substations, Industrial sector, Manufacturing units, Hospitals, Commercial and residential sector, Food and beverage industries etc in which following services are offered.

1	NEW ELECTRICAL SYSTEM INSTALLATIONS	6	FIRE ALARM, PA & SECURITY SYSTEM
2	INSTRUMENTATION & AUTOMATION IN INDUSTRIAL PROJECTS	7	LOW VOLTAGE SYSTEMS
3	UP-GRADATIONS & EXPANSION OF EXISTING SYSTEMS	8	INDUSTRIAL AUTOMATION & CONTROLS
4	SUBSTATION & TRANSMISSION LINE INSTALLATION	9	MAINTENANCE & TROUBLE SHOOTING
5	RETROFITS FOR ELECTRICAL INSTALLATIONS	10	POWER QUALITY & HARMONIC ANALYSIS





# SERVICES

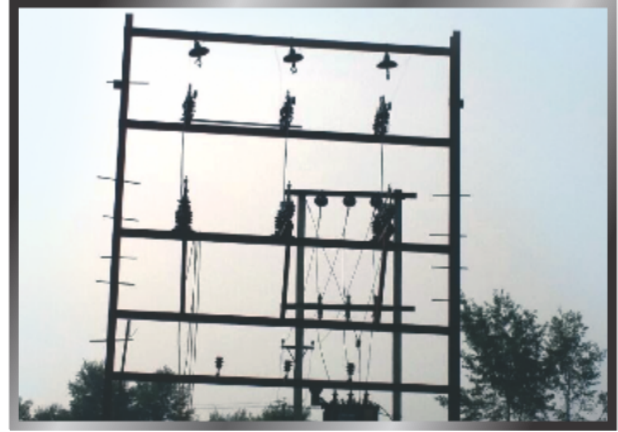


# PROJECT WORK

## SUPPLY & INSTALLATION



TRANSFORMER



HT WORK



DG INSTALLATION



LT/HT PANEL WORK



CABLE TRAY WORK

# PROJECT WORK

## SUPPLY & INSTALLATION



LIGHTING



INSTRUMENTATION WORK



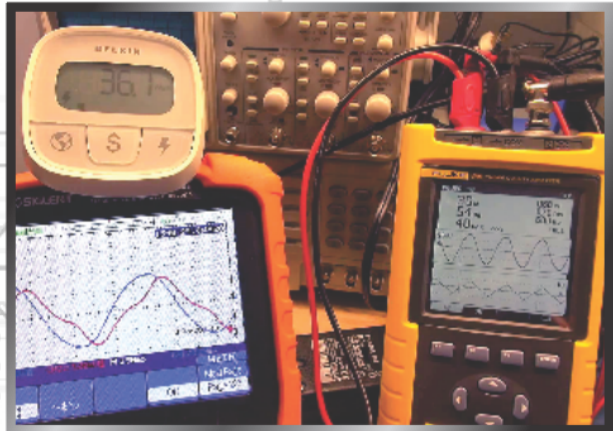
CABLING



UPS INSTALLATION



POWER DISTRIBUTION BOARD WORK



HARMONIC ANALYSIS

# OTHER SERVICES

## FIRE DETECTION / CCTV / ACCESS CONTROL

### FIRE DETECTION

Automatic fire detection is commonly used to protect property by ensuring the early attendance of the fire service. The need for a fire alarm system in any specific plant/building will normally be determined by the authority responsible for enforcing fire safety legislation in that building and/or by a fire risk assessment carried out by the owner, landlord, occupier(s) or employer(s), as appropriate. In general, it is appropriate to install some form of fire alarm system in virtually all buildings, other than very small premises that are relatively open-planned so that any fire will be quickly detected by occupants.

Whatever the size, complexity or application of your fire detection system, we have the expertise to help. We can install, maintain and monitor your system to the relevant standards and specifications to comply with both the local Authority and Insurers requirements.



### CCTV

Vast improvements have been made in the CCTV industry, leading to improved picture quality and the introduction of digitally recorded evidence. High speed, self management cameras are now used by our clients who need to protect their staff, buildings and profit, without interrupting their day to day business.

Systems can be locally monitored (by on site security staff), or remotely (off site) monitored by a specialised monitoring station. Ongoing costs of CCTV systems are significantly lower than the cost of employing security staff. 10 cameras and one monitor will easily cover an area where 5 staff would normally be required.

We provide full service and installation systems in industrial and commercial properties, along with offsite monitoring and service response.



### ACCESS CONTROL

Access Control Systems are designed and installed to provide protection against unwanted visitors into property and allow free movement and entry for authorised users where there is frequent personnel traffic.

Installing the correct Access Control solution for you will help provide protection to your employees, visitors, stock and your property. In very simple terms, Access Control Systems provide control of entry (or exit) through nominated doors via a control panel and some form of electric locking facility. Access Control Systems can be as simple or as complicated as you desire, but in each case the solution will always provide an easy passage for permitted persons around the building.







# PRODUCTS



# PRODUCTS

## MANUFACTURING



PCC PANEL



MCC CONTROL PANEL



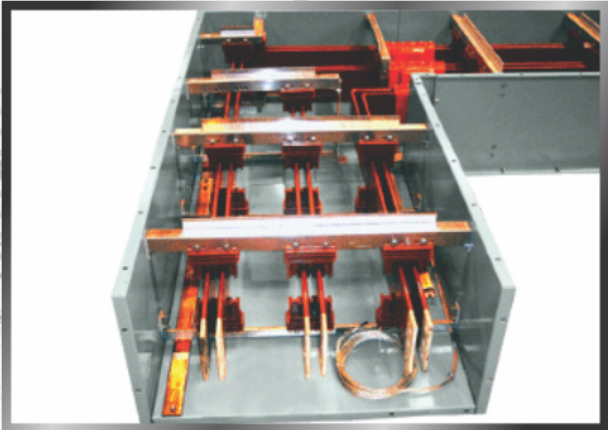
DG SYNCHRONIZATION PANEL



FEEDER PILLAR



APFC PANEL



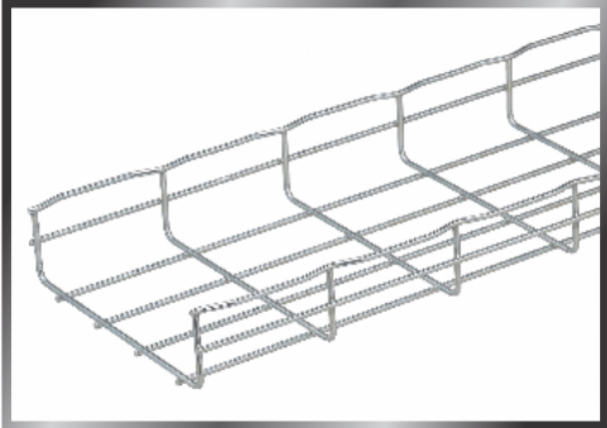
BUS DUCT

# PRODUCTS

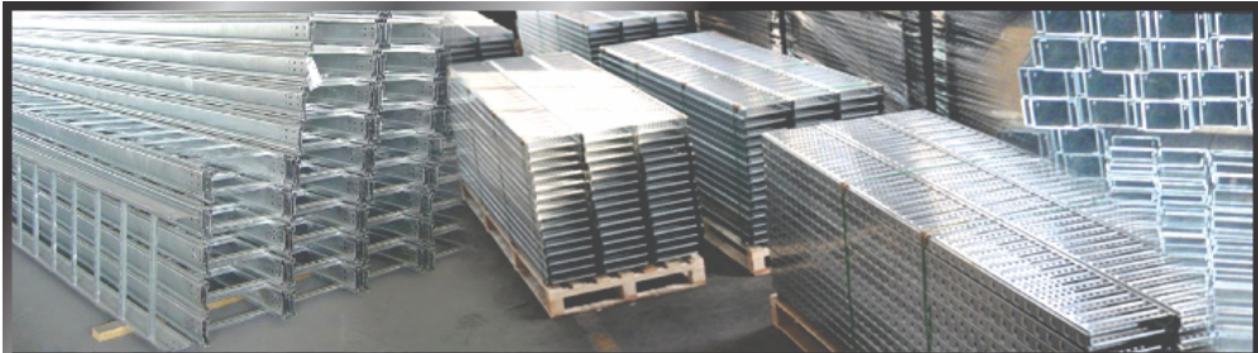
## MANUFACTURING



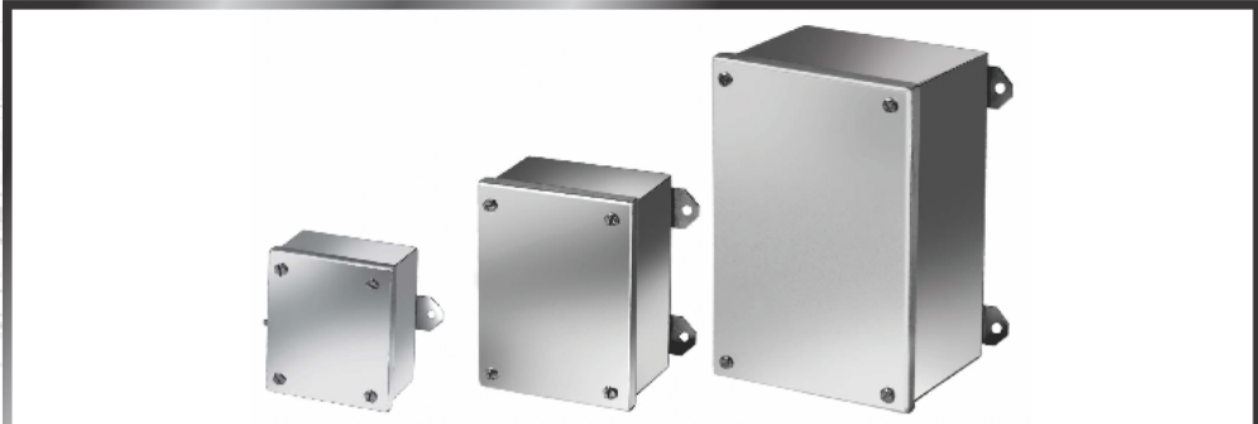
POWDER COATED CABLE TRAY



WIRE MESH CABLE TRAY (SS/GI)



MANUFACTURER & SUPPLIER OF ALL KINDS OF CABLE TRAY



MANUFACTURER OF SS ENCLOSURES & JUNCTION BOXES

# POWER QUALITY

## ANALYSIS & HARMONICS ANALYSIS

“ We at Esswin is working hard towards Power Quality and Harmonics analysis in industries and our efforts was recognize by Schneider Electric certifying as EcoExpert. ”



### Isolate and Eliminate the Root Cause of Malfunctions in Your plant

Dips, spikes, surges, or outages can damage critical systems in your plant, causing them to malfunction, shut down unexpectedly or fail prematurely. Grounding errors, transient voltage and harmonic distortion are a few of the issues that may affect power system quality and reliability. Isolating these problems can help you improve reliability of power.



### Power Quality Analysis Identifies Power Quality issues.

Our Power Quality Studies and Harmonic Analysis are performed by experts from Esswin Electro Controls Located in Rudrapur, and any other part of India through our partners.



For our Team we are ensuring ongoing education and adherence to strict standards in safety and electrical testing knowledge.

### Electrical Inspection And Testing - Thermal Imaging

Thermal imaging is a widely used method as it can identify problems that the naked eye cant and it is non-invasive or intrusive. Thermal imaging can detect potential problems within the electrical distribution system without the need to isolate circuits. Images can be taken of key components captured in a thermal image and a digital image. Thermal imaging gives you the ability to carry out live testing whilst meting your obligations under legislation.



# CLIENTS



# PRESENCE



## DELHI

GSTN: 07AADCE0184F1ZY

## HARYANA

GSTN: 06AADCE0184F1Z0

## UTTRAKHAND

GSTN: 05AADCE0184F1Z2

## TAMIL NADU

GSTN: 33AADCE0184F1Z3

ANDHRA PRADESH

ASSAM

GOA

GUJARAT

HIMACHAL PRADESH

KARNATAKA

MADHYA PRADESH

MAHARASHTRA

ODISHA

PONDICHERRY

PUNJAB

RAJASTHAN

SIKKIM

UTTAR PRADESH

WEST BENGAL

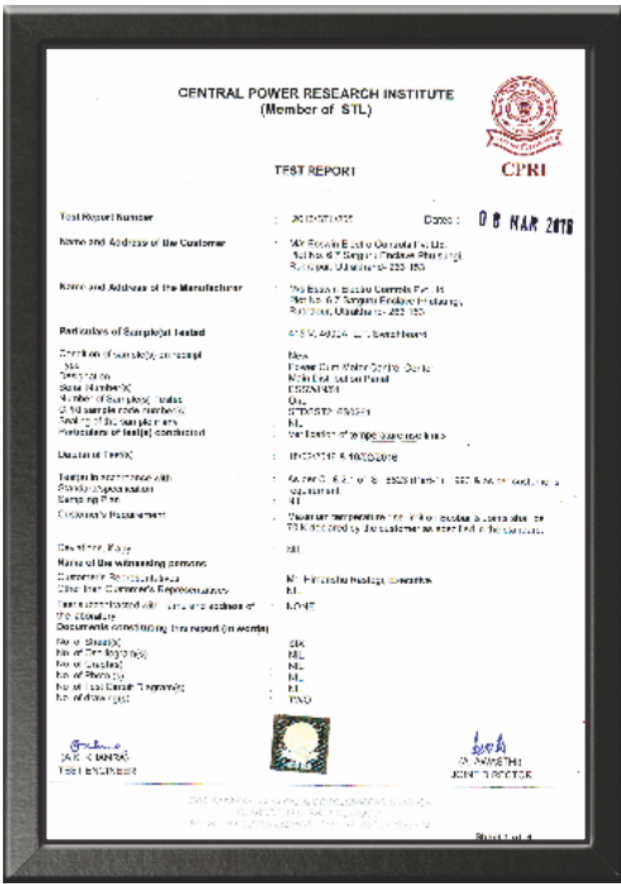
NEPAL

BHUTAN

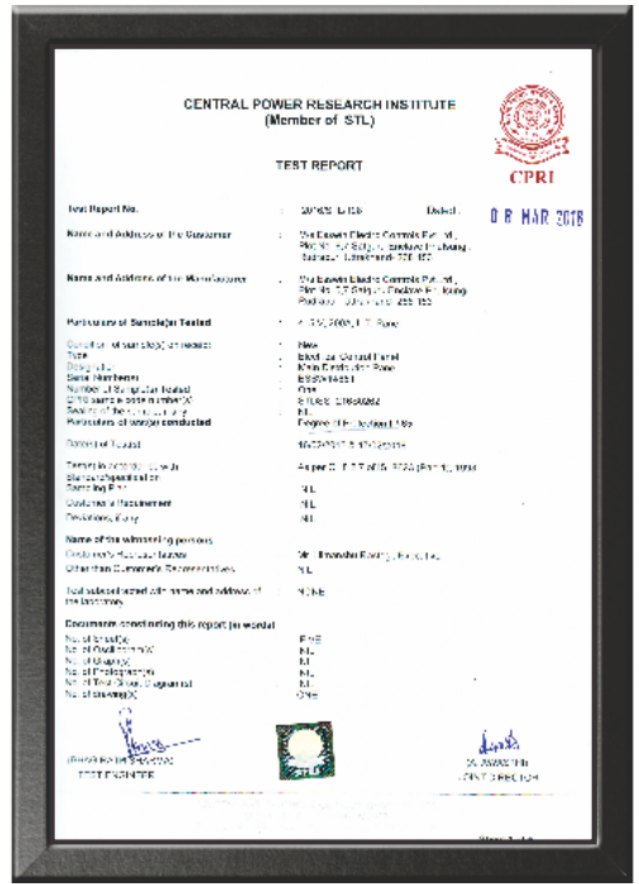
SRI LANKA



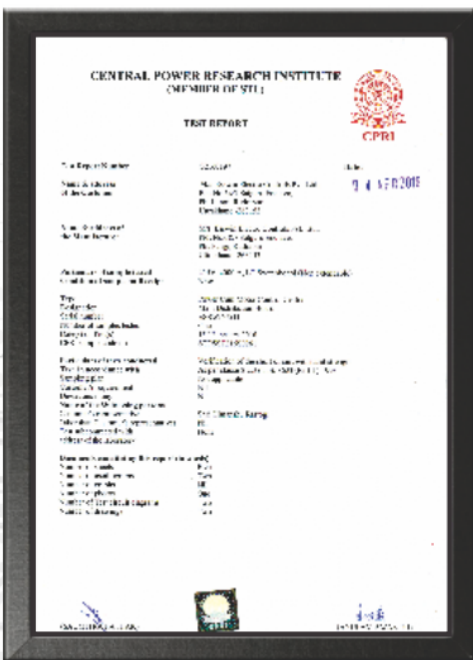
# RECOGNITION



CPRI - Temperature Rise



CPRI - Short Circuit



CPRI - Protection IP 65





**WORKS/CORP. OFFICE:**

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