

INNOVATIVE ELECTRICAL PANELS

FOR RELIABLE POWER DISTRIBUTION CONTROLS & AUTOMATION



Certifications:



intertek
Total Quality. Assured.

ASTA Certified
IEC 61439-1-2
TTA Panels



Authorised System Integrator / Distributors of:

SIEMENS
Ingenuity for life

WAGO[®]
INNOVATIVE CONNECTIONS

MURR
ELEKTRONIK
stay connected

Manufacturers & Solution providers for:
PLC/PCC/MCC/VFD/DB/APFC PANELS,
CONTROL DESK & LT BUS DUCTS

About Us

S P Automation is a company revolutionizing the electrical industry with custom built Electrical Control Panels with specialization in manufacture of all types of LT Panels, PLC based Automation Panels with SCADA, HMI, with Customised report generation We are one of the largest manufacturers in North Karnataka, leading in the manufacturing and export of tailor-made electrical and electronic switchgear assemblies (panels). Our extensive product range includes LT control panels, drive and PLC panels, breaker panels, and relay control panels etc. We are a trusted supplier and total electrical solutions provider for many Hydraulic OEMs and Conveyor OEMs in North Karnataka. Added to this, Company employ experienced Designers and Engineers who work in union with customers to design and supply to meet the specific requirements.

Our Expertise.

At **S P Automation**, we employ experienced engineers and designers who collaborate closely with customers to understand their specific requirements. Our process involves discussing requirements in detail with customers, designing and preparing drawings for approval, and using CAD software to create all approval and manufacturing drawings. Our engineers work hand-in-hand with customers to ensure the design and final product meet their expectations.

Partners

We have partnered with well-reputed companies, enhancing our business portfolio. Some of our esteemed partners include SIEMENS, WAGO and Murr Electronic

Vision Statement:

At **S P Automation**, our vision is to lead the electrical industry through innovative automation solutions, setting new standards in quality, reliability, and customer satisfaction. We strive to be the preferred partner for custom-built electrical control panels, catering to diverse industries both in India and internationally. Our goal is to continuously adapt to the evolving business landscape, capturing wider markets and establishing a leadership position in the panel industry by embracing new technologies and fostering strong partnerships.

Mission Statement:

Our mission at **S P Automation** is to revolutionize the electrical industry by delivering best of best solutions that exceed customer expectations. We are dedicated to:

Engineering high-quality, durable and reliable, Electrical panels tailored to meet specific customer needs.

Ensuring exceptional customer experiences through detailed consultations, collaborative designs, and timely deliveries.

Partnering with industry leaders like SIEMENS, WAGO, Murr Electronic to enhance our product offerings and business portfolio.

Maintaining a no-compromise approach to quality, competitive pricing, and flexibility in meeting diverse customer requirements.

Continuously improving our quality management system to ensure sustained customer satisfaction and long-term success.

Established in 2001, we have grown rapidly by committing to excellence in every aspect of our business. With our state-of-the-art facilities and a team of experienced engineers and designers, we are poised to lead the market in electrical control panel manufacturing, automation solutions and export.

Product additions:

Medium Voltage panels, 11 KV Panels, 11 KV Bus ducts with erection

Future Plans

The organization would continuously endeavour to remain in step with the times. Positively responding to changes in the business environment for a leadership position in the panel industry, and automation solutions providing, a vision crucial to the growth in terms of market niche the organization would continue to look for greener pastures to progressively capture wider markets both in India and abroad.

Growth

The organization was established in 2001, and has grown up at a phenomenal pace with a firm commitment to quality, quality, timely delivery, competitive pricing and meeting customized design requirements.

Philosophy

At **S P Automation**, the philosophy in terms of customer experience has always been:

- No Compromise on quality
- Meeting delivery schedule Flexible
- Affordable and competitive pricing structure
- Approach to diverse customer requirements

Quality Policy

We are committed to provide quality products and services at optimum cost and to continually improve the quality management system for ensuring customers satisfaction on a sustained basis. The company has also acquired the certifications by CPRI Bengaluru and Intertek ASTA certification (IEC61439 complaint TTA panels)

AUTOMATION PRODUCT CATALOGUE

SIEMENS
Ingenuity for life

PLC:
S7-200 SMART S7-1200 S7-1500 S7 ET200SP

DRIVES:
G120 G120C G120X/XA SERVO S120 SERVO

HMI:
KTP-400 KTP-600 KTP-700 Comfort TP-900

WAGO[®]
INNOVATIVE CONNECTIONS

Connectors:
Modular terminal blocks
Push in cage clamps Fuse terminal blocks
Relay modules and power supplies
8 Channel relay board 4 Channel relay board
24VDC Power supplies

MURR
ELEKTRONIK
stay connected

Power supply:
24VDC Power supplies 10VDC Power supplies
Push in cage clamps Fuse terminal blocks
Ethernet switches and connecting cables
8 Point switch 4 Port switch
Pin connector Cables for sensorsel relay board

Product range

PCC panel



Distribution Panels



Soft starter panels



MCC panels



IMCC panels



APFC panels



VFD Panels



Soft starter panels



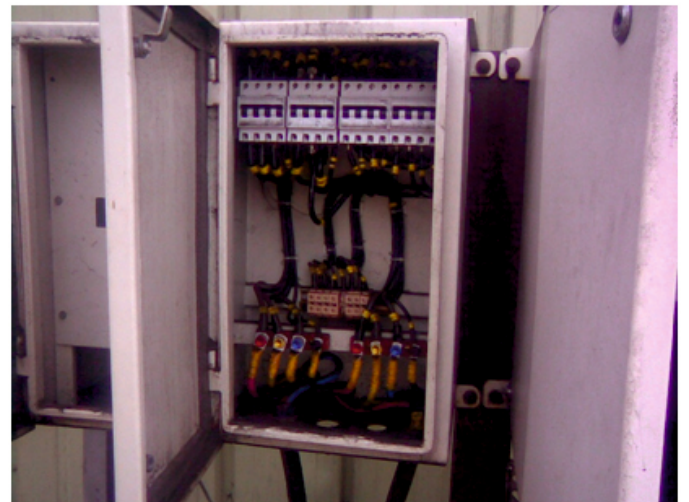
Desk control panel



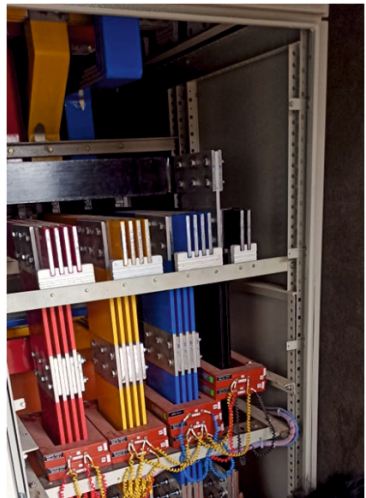
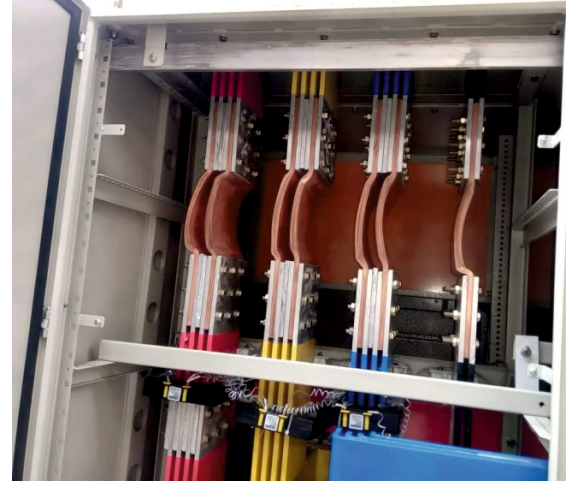
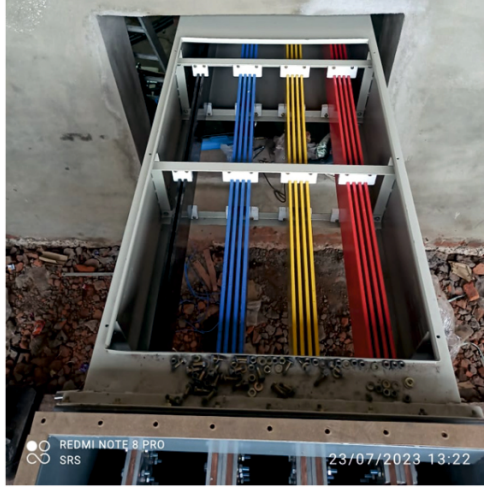
PLC panels



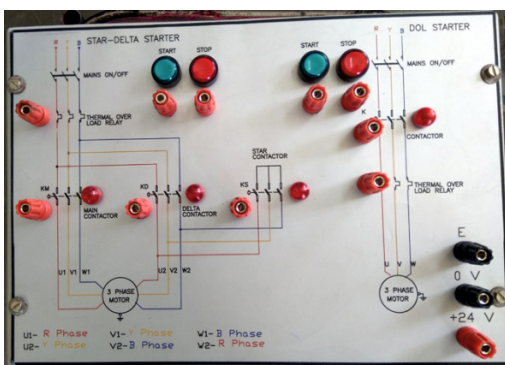
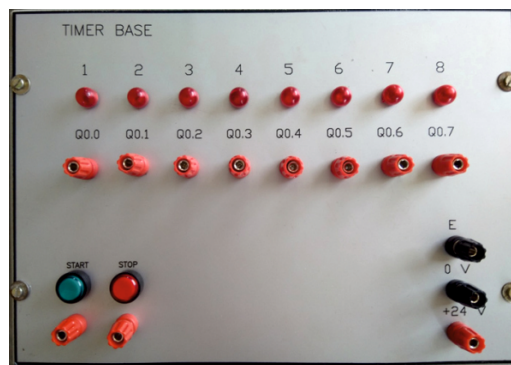
Feeder pillar panels/ Outdoor panels



LT Bus ducts



College PLC training Kits



Product additions:

Medium Voltage panels

11 KV Panels

11 KV Bus ducts with erection

Authorised System Integrator / Distributors of:



intertek
Test Quality. Assured.

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104913641CS093 **Certificate No:** ASTA-TYPE-0003327

Vendor: S P Automation
CTS No. 1319/2 & 1320/2/2, Khanapur Road, Udyambag, Belagavi - Karnataka - 590008, India.

Apparatus: 4000A, 415V/750V/15kV (U=U₁/U₂), 50Hz, IP43, extendable on both sides, power switchgear and controlgear (PSC) assembly incorporating a three-phase and neutral, vertical and horizontal busbar system, with one incoming ACB unit, two outgoing ACB units, three outgoing MCCB units, one SDB starter and a protective circuit. U=U₁=230V auxiliary circuit not connected to main circuit.

Manufactured By: Modutec Ready Panels Private Limited
No.6, K Ashwath Industrial Layout, Uttari Road, Off Kanakapura Road, Kaggalpuru, Bengaluru - 560115, Karnataka, India.

Tested By: ERDA, Electrical Research and Development Association, Vaddurra 390010, India
CPRI, Central Power Research Institute, Bengaluru-560080, India
Intertek India Private Limited, Mumbai-400072, India

Test Report No: CPRI/RSC/L210333, CPRI/RSC/L210335, WO-2122-405450, G104557666-MUM-001, WO-2122-002077

Designation: PMCC panel

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 61439-1 and 2: Edition 3.0 2020-05 and 2020-07 and BS EN 61439-2: 2011

Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 3.0 2020-05

1: Strength of material and parts	6/7/8: No verification by testing required
2: Degree of protection of enclosures	9: Dielectric properties
3: Clearances	10: Temperature-rise limits
4: Creepage distances	11: Short-circuit withstand strength
5: Protection against electric shock and integrity of protective circuits	12: Electromagnetic compatibility (EMC)

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the rating tags of the Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

8th August 2024
Date

Mayur Panchal
Certification Engineer

Robert Hayward
Certification Officer

Sheet 1 of 7

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT

Test Report Number : CPRI/RSC/L24T0296 **Date:** 06 August 2024

Name and Address of the Customer : M/s. S P AUTOMATION
CTS No. 1319/2 & 1320/2/2, Khanapur Road, Udyambag, BELAGAVI-590 008

Name and Address of the Manufacturer : M/s. S P AUTOMATION
CTS No. 1319/2 & 1320/2/2, Khanapur Road, Udyambag, BELAGAVI-590 008

Particulars of sample tested : LOCAL CONTROL PANEL

Type : Indoor
Description of test sample : LOCAL CONTROL PANEL, 415V AC, 30A, 50Hz
Serial Number : -
Number of samples tested : One

Date(s) of Test(s) : 24 July 2024 and 25 July 2024
CPRI Sample code Number(s) : EATDP2405143

Particulars of tests conducted : IP 55 Category 2 Test
Test in accordance with Standard/Specification : IEC 60529: EDITION 2.2, 2013-08

Sampling Plan : Not Applicable
Customer's Requirement : Nil
Deviations if any : Nil

Name of the witnessing persons : Mr. Manjunath Sutar, Mr. Sachin Satagauda
Customer's representative : None
Other than customer's representative : None
Test subcontracted with address of the laboratory : None

Documents constituting this report (in words) : None
Number of Sheets : Four
Number of Oscillogram(s) : Nil
Number of Graph(s) : Nil
Number of Photograph(s) : Six
Number of Test Circuit Diagram(s) : Nil
Number of Drawing(s) : Two

(D. Venkatesh)
Test Engineer

(Dr. P. Chandra Sekhar)
Head of Division
Reviewed and Authorized by

ULR-TC5482240EADT0296F ELECTRICAL APPLIANCES TECHNOLOGY DIVISION Sheet 1 of 4
Discipline: Electrical Testing P. B. NO. 3006, SADASHIVANAGAR, P. O.
Group: Environmental Test PROF. SR. C. V. RAMAN ROAD, BANGALORE - 560 085, INDIA
Phone: +91 (0) 80-22072345; +91 (0) 80-22072344

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)

TEST REPORT

Test Report Number : CPRI/RSC/L24T1234 **Date:** 27 September 2024

Name & Address of the Customer : M/s. S P Automation
CTS No. 1319/2 & 1320/2/2, Khanapur Road, Udyambag, Belagavi - 590 008, Karnataka, India.

Name & Address of the Manufacturer : M/s. S P Automation
CTS No. 1319/2 & 1320/2/2, Khanapur Road, Udyambag, Belagavi - 590 008, Karnataka, India.

Particulars of sample tested : Low-voltage switchgear and controlgear assembly - 4000A, 415V, LT Panel

Type : Indoor
Description of test sample : Refer Sheet 2 of 7
Serial Number : LT-PCC-1826-2024
Number of samples tested : One

Date(s) of Test (s) : 10 September 2024

CPRI Sample code Number(s) : SCL24S1276

Particulars of tests conducted : Short-circuit withstand strength on main busbars
Test in accordance with Standard / specification : Subclause(s) 10.11.5.3.3 & 10.11.5.3.5.1 of IEC 61439-1:2020 & IEC 61439-2:2020

Sampling plan : Not applicable
Customer's requirement : 50 kA rms for 1.0 s & 105 kA peak on main phase busbars only
Deviations if any : Nil

Name of the witnessing persons : Mr. Manjunath Sutar, Works Manager & Mr. Sachin Satagauda, Supervisor
Customer's representative : None
Other than customer's representative : None
Test subcontracted with address of the laboratory : None

Documents constituting this report (in words) : None
Number of Sheet(s) : Seven
Number of Oscillogram(s) : Two
Number of Graph(s) : Nil
Number of Photograph(s) : Four
Number of Test Circuit Diagram(s) : Two
Number of Drawing(s) : One

(D. Venkatesh)
Test Engineer

(Swamy Kumar Das)
Head of Division
Reviewed and Authorized by

ULR-TC5482240SCLT1234F SHORT CIRCUIT LABORATORY Sheet 1 of 7
Discipline: Electrical Testing P. B. NO. 3006, SADASHIVANAGAR POST OFFICE
Group: Switchgear & Protective Equipment SR. C. V. RAMAN ROAD, BANGALORE - 560 085 (INDIA)
Phone: +91 (0) 80-22072345

Certificate

This is to Certify that

S P Automation

CTS No.1319/2 & 1320/2/2, Khanapur Road, Udyambag, Belagavi, Karnataka - 590008, India

has been found in Compliance with requirements of

Quality Management System

ISO 9001:2015

for the following scope:

Manufacturer of LT PCC, MCC, IMCC, PLC, Drive, Soft Starter Panels SCADA and HMI Development Work LT and MV Bus Ducts

Certificate No. : QMS/B267/0125
Original Certificate Date : 25-January-2025
Issue Date : 25-January-2025
Expiry Date : 24-January-2028

To check this certificate status visit: ["http://uas1.uk.com/certifiedorganization"](http://uas1.uk.com/certifiedorganization)

Quality Control Certification
UK Office: 82, ADLEY STREET, LONDON - E3 0DZ, United Kingdom
India Office: 2nd Floor, Aman Market, Narola Mandi, Delhi - 110 040, India

*Quality Control Certification (QCC) accredited by "UKAS, England, UK". This certificate remains the property of "QCC" in whom it must be returned on request.

S P Automation

CTS No. 1319/2 and 1320/2/2, Khanapur Road, Udyambag, BELAGAVI - 590008 KARNATAKA STATE, INDIA

www.spautomation.net sunil@spautomation.net

Contact: 0831-2443237

Cell: 9845443379, 9480718205, 9449053379