

Control Panels

These panels are provided with Intrinsically safe annunciators, Intrinsically safe loop powered Indicators and Exproof Certified Front Components - suitable for Hazardous area Zone I, Gas group IIC. The Panel enclosure is Weatherproof to IP65.



Control Panel with IS Annunciator & Exproof Components



LT MCC with Power Manager

LT MCC with Power Manager

IRIS Automation provides complete solution for Electrical MCC panels along with Power Manager, and we also manufacture Starter Panels, Power Distribution Panels.

Our Core Strengths:

- ▶ Electrical & Instrumentation Turn key Projects
- ▶ Control Panels & Electrical Panels
- ▶ Hazardous Area Panels & Instrumentation
- ▶ Engineering Services – Instrumentation & Electrical



 
ISO 9001:2008 Certified Company





IRIS Automation Pvt. Limited is an ISO 9001:2008 certified, fast growing, professionally managed company in the field of Electrical and Instrumentation. IRIS Automation is professionally managed by a team of technocrats having more than 2 decades experience in the area of Instrumentation & Electricals. We have been offering high technology products, designed by incorporating innovative solutions and latest production methods. A team of competent professionals always works relentlessly towards meeting the requirements of our clients. With quality products and high end services, we have won the trust of our clients, located all over the globe.

IRIS Automation has proven expertise for various types of control panels and automation solutions, mainly hazardous area automation, rotating equipment instrumentation and CNG automation applications. The Control Panels are designed using AutoCAD / ePLAN software, which provides unique advantage of Project Planning, Control panel engineering documentation and management of electrical engineering / automation projects.



IRIS Purge Panel Solutions are Certified by Accredited Testing House and Approved by PESO / CCOE

Control Panels for Safe & Hazardous Area

- SIL 3 PLC based Control Panels
- PLC / Relay Based Panels
- Vibration Monitoring & Control Systems (MCMS Panels - Bently Nevada, Shinkawa etc.)
- Purge Control Panels as per NFPA 496 Type X,Y, Z & IS/IEC 60079-2 certified to Ex'p' T4
- Explosion proof control panel as per Ex'd'
- Intrinsically Safe Control Panels Ex'i'
- Foundation Field bus Junction Boxes



Instrumentation for Turn Key Solutions

- Engineering, Selection, Supply and Integration of Field Instruments
- E&I Project Management
- Experienced team to execute - Tubing, Cabling, Wiring and All kind of Packaging Work pertaining to Instrumentation
- FAT and SAT Capabilities

A complete responsibility from Preorder Stage to Execution and Packaging.

Hazardous Area Control Panels

IRIS Automation provides safe and economical solutions for control panels to be used with hazardous locations, including panels with intrinsically safe instruments.

Explosion Proof Panels

These panels are installed in Class I, Division 1 & 2, Gas group B,C & D. The Enclosures are constructed from Cast Aluminium or Stainless Steel as per project / customer requirements

Purge Enclosures

Purge/Pressurized Panels are used for housing Electrical and Instrument items in Hazardous area classification. Purge Panels are having Ex'p' protection as per IS/IEC 60079-2, NFPA 496 etc. Purge enclosures are widely used in Hazardous area for PLC panels, VFD systems, Machine Monitoring MCMS Systems etc. Our Purge Panels ensures minimal air/inert gas leakage rate and complies to requirements depicted in relevant Standards.

LT Electrical Panels/VFD panels

IRIS Automation provides complete LT electrical solutions. The Electrical panels are manufactured using high standards of Switchgear Components, Bus bars, Wires/Cables etc. We also manufactures Variable Frequency Drive (VFD) based control panels for various stringent applications including Compressors, Pumps, etc.



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IRIS Automation Pvt. Limited

164/6 & 7, Behind Bharat Aluminium, Santej-Vadsar Road, Santej, Ahmedabad - 382 721, Gujarat, India.

Phone : +91-79-6512 1760, 02764-286 696

E-mail : info@iris-automation.com

Website : www.iris-automation.com