



CLOUD PLC[®]

DIGITAL IO MODULE

IEC/EN 61000-4-2
IEC/EN 61000-4-4
IEC/EN 61000-4-5
IEC/EN 61000-4-8

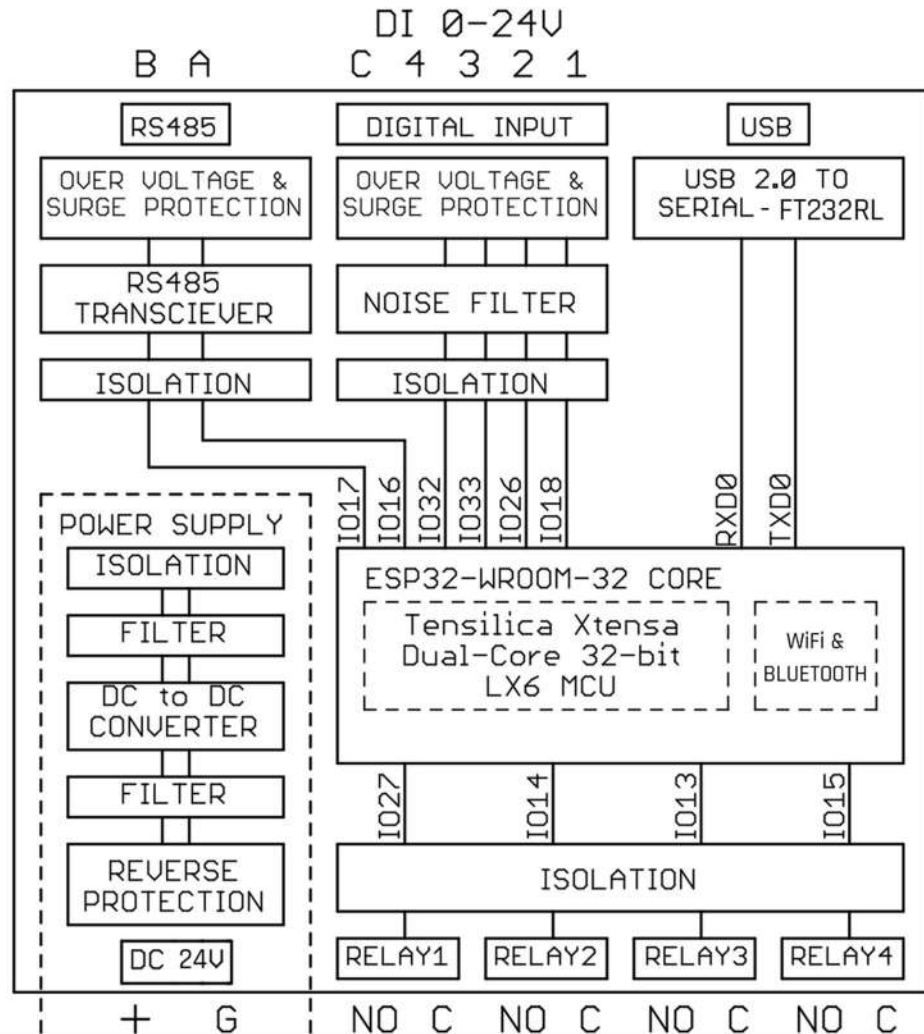




Cloud PLC® Digital IO Modules can be used to build the custom solution for secure monitoring and controlling the IO. Field data collection over MODBUS RS485, Bluetooth and USB make the monitoring and solution integration, easier than ever for IT engineers through open-source APIs.

FEATURES

- Open-source Hardware ESP32 dual-core 32-bit up to 240 MHz, Flash 16 MB.
- Support most of the open-source platforms for Custom Programming.
- The device offers multiple industrial protocols like MODBUS RTU, MODBUS TCP,
- JSON, MQTT and FTP and supports secure communication SSL.
- Industrial Grade Design - Isolated & Protected IO & EMC / EMI compliance.
- Support most of the cloud platforms including Microsoft Azure & AWS etc.
- OTA Firmware upgrade supported.
- Support communication over WiFi, Bluetooth, and Modbus RTU.
- Isolated & protected 4x 24 V Digital Input & 4x 7A Relay Contact

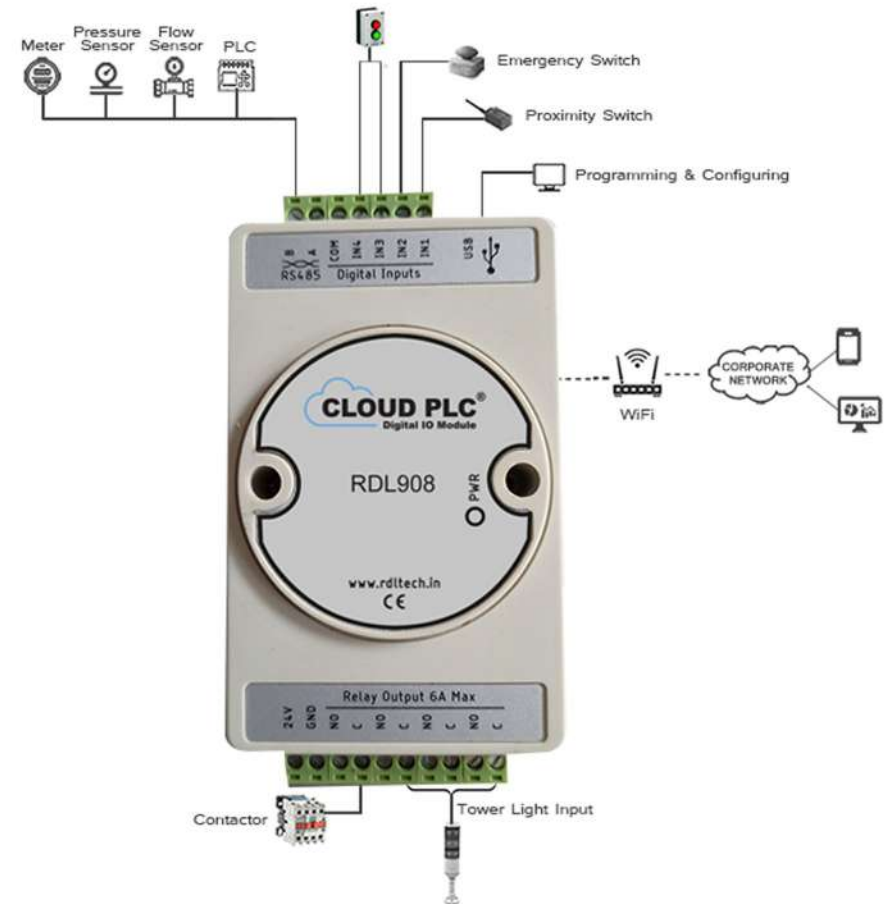




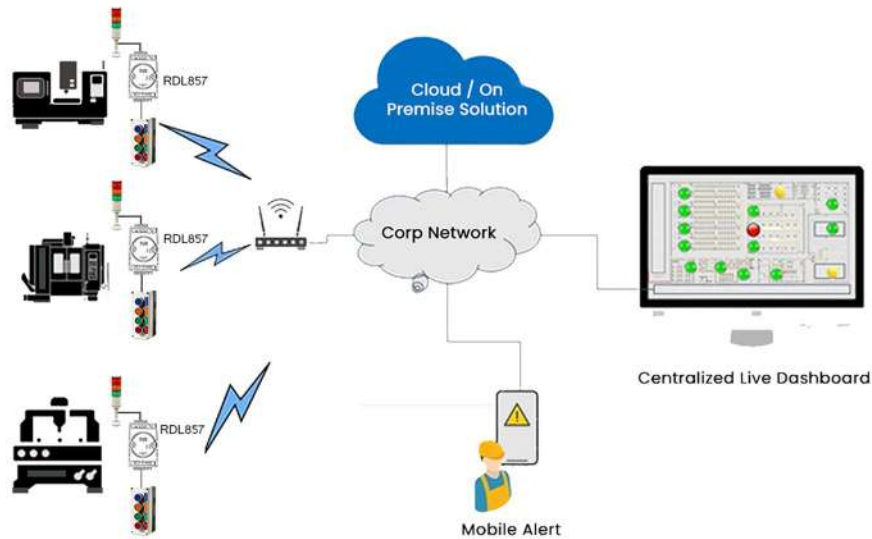
APPLICATIONS

- Production and process monitoring.
- Utilities & Energy monitoring.
- Alarm & Automated Task application.
- Condition monitoring.
- Fire & Safety.
- Andon System.
- District metering.
- Generator monitoring.
- Standard PLC & SCADA Applications.

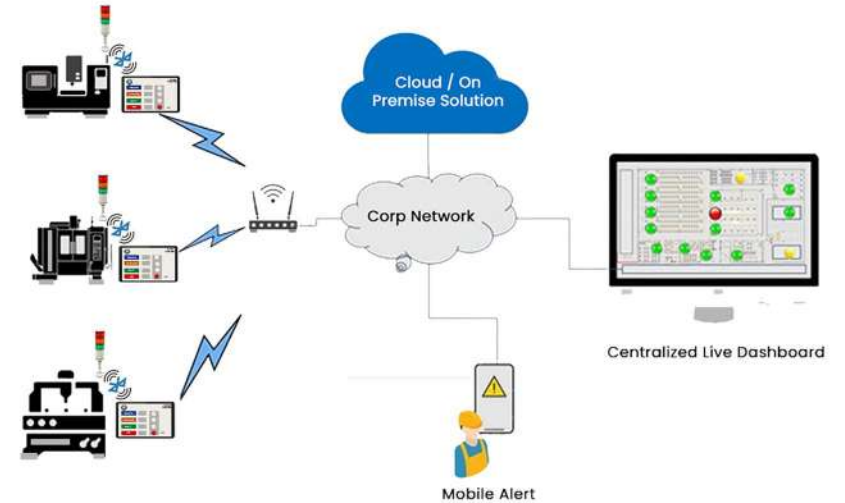
APPLICATION WIRING DIAGRAM



**APPLICATION DIAGRAM -
ANDON SYSTEM**

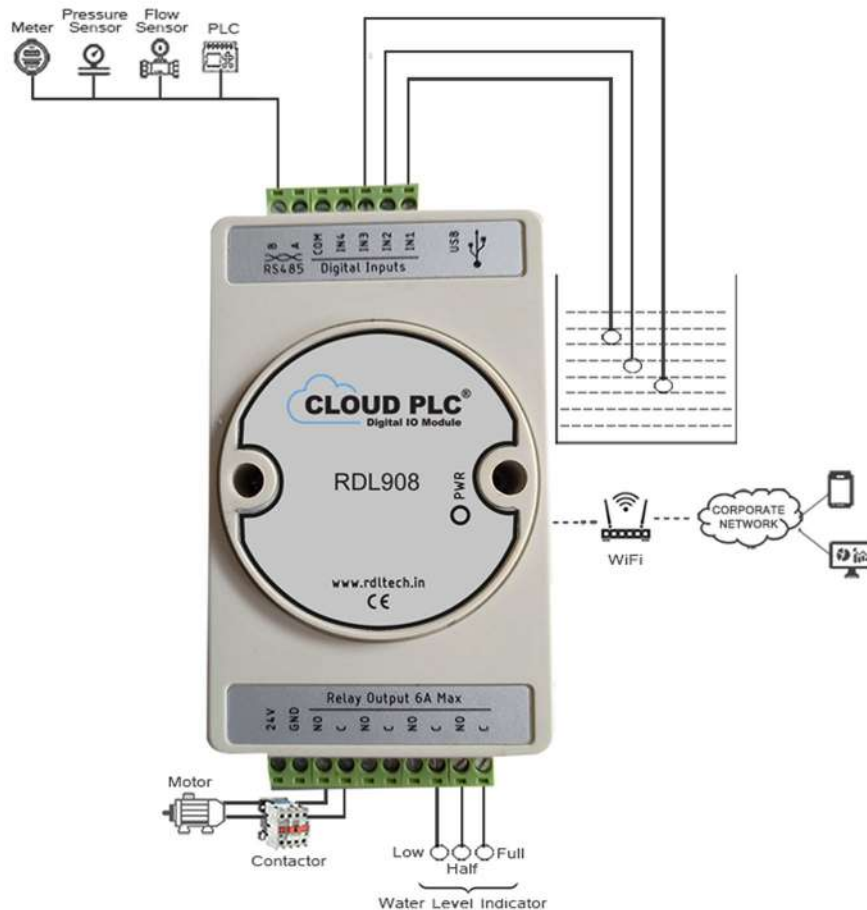


**APPLICATION DIAGRAM -
TAB BASED ANDON SYSTEM**





APPLICATION DIAGRAM - PUMP HOUSE & WATER LEVEL MONITORING



OEM & White label Service

RDL OEM & (Original Equipment Manufacturer) that designs and builds a product based on their own specification and then sells it to another company for branding and distribution.

OEM Minimum order quantity 100 to 500 no's.

ODM & White label Service

RDL ODM(Original Designed Manufacturer) services which could provide customers with all-round service as R & D of products, products-oriented and production. Only with given expected function and performance of products or even conception, RDL Technologies could put the conception into reality.



We Ship Worldwide

Our Shipping Partner



We Accept



Note:

1. Unless otherwise specified, all parameters in this datasheet were measured at 25°C and 75% humidity.
2. All index testing procedures in this datasheet are based on our company's corporate standards.
3. We offer product customization, OEM and ODM Services; please contact the sales team @ sales@rdltech.in.
4. We Ship Worldwide.
5. Specifications are subject to change without prior notice.
6. For additional information on Product and to buy online @ www.researchdesignlab.com

RDL Technologies Pvt. Ltd.

📍 5th Floor, Sahyadri Campus, Adyar, Mangaluru - 575007 | 📞 +91 8088423347 | 📞 +91 824 2988407

✉ sales@rdltech.in | 🌐 www.rdltech.in | 📺 www.youtube.com/@researchdesignlab956