

Info Sheet

Local Control Panels (LCPs)

Field-level control, built for precision and durability.

1. Overview

IPU SA's **Local Control Panels (LCPs)** provide reliable, user-accessible interfaces for operating individual machines or systems directly from the field. These panels are designed for decentralized control in facilities where fast response, local override, or remote interfacing is required.

Each LCP is custom-built based on system requirements, integrating control switches, indicators, protection devices, and communication modules — making them ideal for localized operation in industrial, utility, and infrastructure settings.

2. Key Features

- Configurable layout with selector switches, pushbuttons, and indicators
- Integrated with protection devices (MCBs, fuses, relays)
- IP-rated enclosures for indoor/outdoor environments
- Built-in interface for SCADA/PLC systems (optional)
- Available in wall-mounted or stand-mounted formats
- Clear operator labeling and built-in safety interlocks

3. Applications

- Industrial machinery and equipment
- Pumping stations and motorized valves
- HVAC equipment and fans
- Water treatment and filtration systems
- Manufacturing zones and utilities
- Hazardous or remote areas needing local override

4. Integration Capabilities

- Interfaces with central PLCs, SCADA, or MCC systems
- Protocol support: Digital I/O, Modbus, analog signals
- Configurable for standalone or networked operation
- Compatible with sensor inputs and fieldbus connectivity

5. Certifications & Standards

- Built to IEC 61439 and project specifications
- Components from certified OEMs (Schneider, ABB, etc.)
- Field-tested and site-ready upon delivery