



Voltaris

Intelligent Control. Reliable Protection.

About Us

Udyog Engineering specializes in the design and manufacturing of high-quality industrial control panels and engineered electrical solutions. With a commitment to precision, safety, and performance, we deliver products that meet demanding industrial and fire protection requirements. Our solutions are built using robust engineering practices, premium components, and strict quality standards to ensure dependable operation in critical applications.



Key Features

- ✓ NFPA 20 Compliant Design
- ✓ Heavy-Duty Industrial Construction
- ✓ Automatic Fire Pump Operation
- ✓ Advanced Protection & Monitoring
- ✓ Electric & Diesel Pump Compatibility
- ✓ Reliable Performance in Critical Emergencies

VOLTARIS Fire Pump Control Panel

Voltaris is Udyog Engineering's advanced fire pump control panel range, designed specifically for fire protection systems in accordance with NFPA 20 requirements. Engineered for reliability, safety, and continuous operation, Voltaris panels provide intelligent control, monitoring, and protection for electric and diesel-driven fire pumps.

Why Choose Voltaris?

VOLTARIS fire pump controllers are engineered to deliver uninterrupted performance when safety matters most. Combining robust construction, intelligent controls, comprehensive protection, and industry-compliant design, VOLTARIS provides dependable fire pump management for critical fire protection installations.



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TECHNICAL SPECIFICATIONS

Construction

- Designed for NFPA 20 Fire Pumps
- Heavy-duty sheet steel enclosure (1.6 mm to 2.0 mm / 14–16 SWG)
- Protection Rating: IP32, IP45, IP54 or higher
- Corrosion-resistant epoxy/powder-coated finish
- Available Colours: Fire Red, PO Red, Light Grey (RAL 7032), White (RAL 7035)
- Floor-standing or wall-mounted configuration

TECHNICAL SPECIFICATIONS

Electrical

- Operating Voltage: 415V AC, 3-Phase, 50Hz
- Copper or Aluminum Busbars
- Short Circuit Rating: 25kA, 36kA & 50kA
- Control Voltage: 110V / 240V AC or 24V DC (Diesel Systems)

CONTROL & OPERATION

- DOL, Star-Delta, Soft Starter & VFD Starting Options
- Automatic Engine Starting with Redundant Battery Banks
- Pressure Switch Based Automatic Operation
- Main Electric & Standby Diesel Pump Interlocking

INDICATIONS & METERING

- RYB Power ON Indication
- Pump ON / OFF / TRIP Status
- Phase Failure & Phase Reversal Indication
- System Trouble Indication
- Digital VAF Metering
- Pressure Display Monitoring

PROTECTION FEATURES

- Phase Loss Protection
- Phase Reversal Protection
- Phase Imbalance Protection
- Thermal Overload Protection
- Overcurrent Protection
- Short Circuit Protection

