

MEDITRON

AN ISO 9001:2008 COMPANY

UNITIZED SUBSTATION



MEDITRON make Unitized Substation System consists of incoming HT switch gear, step down transformer and LT side distribution board on a skid that can be moved from place to place.

Technical Specification:

- HT Side Voltage: 3.3KV/6.6KV/11KV [3PH].
- HT Side Breaker: VCB.
- Current of VCB: 400, 630, 800, 1250 A.
- Transformer Rating: As Per Customer's Requirement.
- LT Side Voltage: 415V, 3PH/ As Per Customer's Requirement.
- Short Circuit Level: 50KA for LT & 26.3KA max. for HT.
- LT Side Switch Gear: ACB/MCCB/SFU (As Per Customer's Requirement).
- H T Side Feeders: Starters 3.3/6.6KV - Both in Fixed and Draw Out execution.

Our Focus is Customer's Delight



<http://www.mespl.co.in>
<http://www.meditronindia.in>

Meditron
ESTD. 1977

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Special Features:

- Plug & Sockets can be provided on HT & LT side as per customers requirements.
- PLC control, SCADA and remote control with modem.
- Any other specification can be tailored as per the customer's needs.

Transportable Unitized Trans Switch Unit:

It is a 11/6.6/3.3 KV system which consists of :

- a) HT Breaker b) Transformer c) LT Panel d) HT Starters

It is used in open cast mines to feed power to over burden drill and excavator wherein the motor is operable at 3.3KV/415 Volts. The design and operational features is such that it is made of modular units viz. HV Cubicle, Transformer & LT Panel.

The system is skid mounted and the total system can be transported by pulling from one location to another. It receives power of 11/6.6/3.3 KV & gives output of 3.3KV/415 Volts. Hence, it has multi purpose use. The incoming is through cable entry box and outgoing is through LT/HT plug socket.

D Watering Pump Starter Substation:

- Main Incomer VCB & Isolator with full protections.
- DOL Starting Of 3.6/6.6 KV using Vacuum Contactors.
- Fault Level 250 MVA.
- Motor Ratings 350 KW.
- Protections Provided - Over Current, Earth Fault, Short Circuit, Locked Rotor, Over Temp of Motor Winding, Bearings, Long Starting Time etc. are included as per specific application.
- Metering - Current, Voltage, power etc.
- Switching of motor provided from outside the house.
- Separate dry type of Power Transformer provided for lighting and utilities.
- System is mounted on skids and can be pulled around in the mine on skids.
- Enclosure IP55 type tested.



Corporate Office & Works

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