



ELECTROTEKNIKA ENGINEERING PVT. LTD.

Formerly Known as ELECTROTEKNIKA

CIN : U31908WB2011PTC161462

1/5B, RAJA BASANTA ROY ROAD, KOLKATA - 700 026

Telefax : (033) 2464 3331

E-mail : electroteknica@yahoo.com / electroteknica@rediffmail.com

Website : www.electroteknica.com

OUTDOOR FIELD SWITCH / OUTDOOR KIOSK SUITABLE UP TO 11 KV



ELECTROTEKNICA make skid mounted Outdoor type Field Switch suitable for use in open cast mines for controlling shovel/drills/draglines. The switch also protects the 4 core trailing cable feeding the equipment.

Field Switch will conform to latest issue of (a) IS 5578 (b) IS 11353 (c) IS 3231 (d) IS 3427 (e) IS 3618 (f) IS 13118.

The design and operational features of field switch offered will comply with the provision of the latest version of corresponding acts and statutory regulations.

DESCRIPTION

Switch enclosure shall be of sheet steel of minimum 10 SWG thickness, suitable for installation in outdoor with sloping roof on the top and shall be provided with lifting hooks and skid base for the ease of shifting and complete with front and rear access door duly painted. All the components including relays and meters shall be fitted inside. Meters and indicators shall be provided with transparent covers. The enclosure shall have IP55 protection.

Stand alone unit, Outdoor type, Vacuum break Field Switch suitable for use on up to 11 KV, 350 MVA, 3 Phase, 50 C/S suitable for Restricted Earthed Neutral Supply System complete with Triple Pole Circuit Breaker and other necessary components and protection devices conforming to relevant ISS, comprising of the following.

1. Weather proof sheet steel enclosure with skid base and lifting hooks and cable joint box for bussing two switches by standard PVC cable.
2. Vacuum Circuit Breaker
3. Off Load /On Load Isolator
4. Short Circuit Protection Relay
5. Single Phasing Preventer
6. Earth Leakage Relay suitable for supply system
7. Sensitive Core Balance Transformer for Earth Leakage Relay
8. Pilot Core protections
9. Instrument transformer suitable for protection and measuring instruments
10. Ammeter and Voltmeter of suitable scale
11. Adequate Castle key interlock arrangement between Isolator, Vacuum Circuit Breaker and Plug & Socket
12. ON/OFF Indication
13. Test Terminal for testing relays and instrument.
14. Cable box for incoming PVC mining type cable
15. Plug and Socket for outgoing pliable armoured trailing cable
16. Copper Bus bar of suitable rating having current density not more than 1.6A/sq.mm