

MINING FLAME-PROOF MOBILE SUBSTATION



BENEFIT OF MINING TRANSFORMERS

- Excellent explosion-proof performance and mechanical strength.
- Adopted cylinder- type HV winding to strengthen resistance to over- voltage.
- Robust designs to withstand the harsh operating environments.
- Integrated HV and LV winding increase mechanical strength and short circuit resistance by vacuum pressed dipped technology.
- Excellent overload resistance and insulation performance by Dupont Nomex paper.
- Special anti-loose structure with vertical lifting ability, no internal looseness during transportation, easy to use and maintain.
- Equipped with rail wheels, strong impact resistance ability, detachable and adjustable rail gauge.
- Multiple protective functions of overload, short circuit, leakage, leakage lockout, over-voltage, under-voltage and over temperature.
- With RS485 interface for computer communication.



TECHNICAL CHARACTERISTICS

Main Specification

| | |
|----------------------|------------------------|
| Transformer type | Three phases, dry type |
| Frequency | 50 or 60Hz |
| Rated capacity | Up to 8000kVA |
| Rated voltage | Up to 11kV |
| Insulation class | H,C |
| Cooling mode | ANAN, GNAN |
| Explosion-proof type | ExdIMb |
| Connection code | Yd, Dyn, Yyn etc. |
| Standard | IEC60079 |
| Protection Class | IP56 |



HV AND LV SWITCHES HAVE THREE CONFIGURATION OPTIONS:



◀ Country: Spain

A) Mining Flameproof HV vacuum switch + Mining Flameproof LV protection box



▶ Country: Colombia

B) Mining Flameproof HV vacuum switch + Mining Flameproof LV feed switch



◀ Country: Mexico

C) Mining Flameproof HV vacuum switch + Mining Flameproof LV multi-loop combined switch(LMCC)

