

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
Tank Temperature	110°C
Altitude	Max. 2300 m



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)

