

EVA+

UP TO
40,5 kV



EVA

Elektromechanik

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EVA+



30x10mm dust-resistant main busbar set and field regulators.



Possibility of installation of overcurrent and short circuit protection relays in any brand and model requested by our customers.



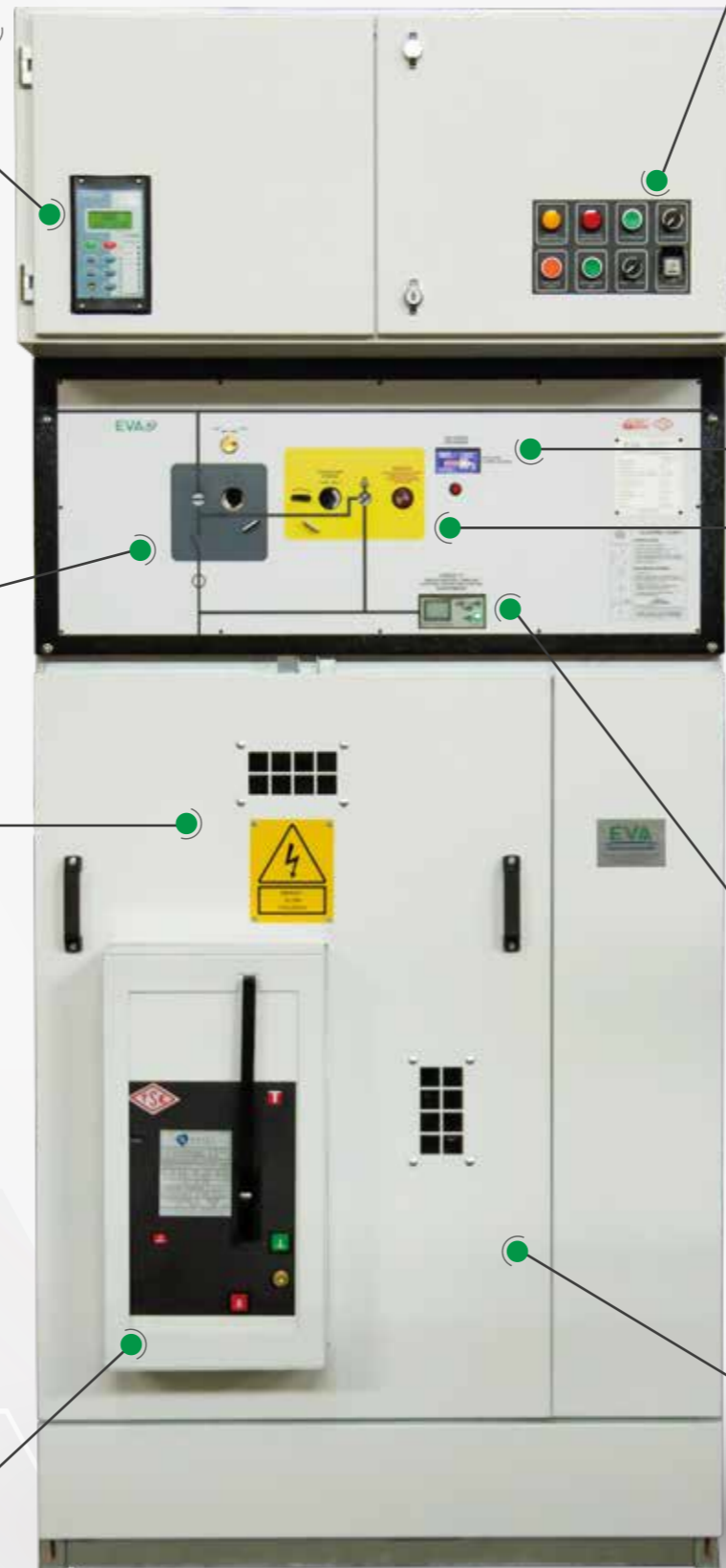
Mechanical interlocking system between disconnect and the circuit breaker to ensure safe maneuvering and to prevent incorrect maneuvering during the work on the line.



Maximum operator safety with the ability to see the position of the earthing switch from the surveillance window in front of the cubicle.



Circuit breaker with SF6 gas is used which has the class of M2 E2 C2 (10.000 mechanical operations). Vacuum circuit breaker is also used optionally.



Operator friendly remote control sockets, buttons and signal lamps.



Possibility of SF6 gas pressure and temperature control from large screen digital manometer with double contact and possibility of tracking the number of maneuvering of the disconnecter.



Operator-friendly illuminated and audible warning system that warns in the movement of the operator in the earthing switch when there is energy at the entrance and warns to avoid closing the earthing switch on energy.



Ability to monitor on scada system whether the cubicle is energized or not from the voltage indicator with contact.



Better isolation feature in humid weather and against voltage fluctuation by means of forced field regulators.

TECHNICAL FEATURES

Rated Voltage	12kV	24kV	36kV	40,5kV
Network Frequency Withstand Voltage (1 min) (Between Phases)	28kV	50kV	70kV	80kV
Isolation (Open Contacts)	32kV	60kV	80kV	90kV
Ligting Impulse Withstand Voltage	75kV	125kV	170kV	185kV
Isolation (Open Contacts)	85kV	145kV	195kV	215kV
Frequency	50/60 Hz			
Rated Current	630-1250 A*			
Rated Short Circuit Current (1s) (3s)	16-20 kA			
Rated Active Load Breaking Current	630 A			
Rated Transfer Current	630 A			
Rated Short Circuit Closing Current	40 kA-peak			
Mechanical Withstand Class	M1/M2			
Electrical Withstand Class	E3/E2			
Capacitive Breaking Class	C2			
Protection Class	IP3X			
Internal Arc Class	AFL			
Loss of Service Continuity Class- Partition Class	LSC2A-PI			
Length of fuse	358mm	508mm	603mm	

*It's not valid for Load Breaker Cubicles



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