ELKO®

FUTURE TECHNOLOGY

24 kV SF6 FREE SWITCHGEARS



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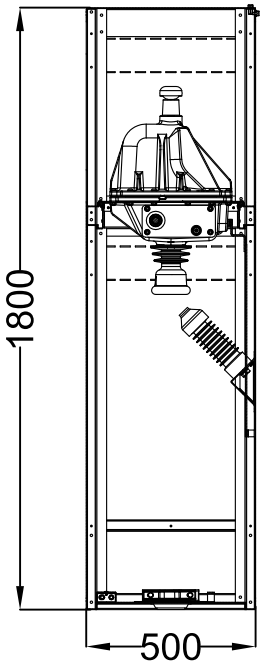
24kV 630A 20kA Incoming-Outgoing Cubicle with SF6 FREE Load Break Switch Disconnector

GENERAL		
Manufacturer	**ELKO**	
Type	MME SC-AIR	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated power frequency withstand voltage	kV	50/60*
Rated normal current	A	630
Rated frequency	Hz	50/60
Number of phase	3	
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Duration of short-circuit	s	1
Internal arc classification	IAC AFL 16 kA-1s	
Loss of service continuity	LSC 2A-PI	
Degree of Protection	IP 3X / IK10	
Dimensions	mm	500x1000x1800 (WxDxH)
SF6 FREE LOAD BREAK SWİTCH DİSCONNECTOR		
Insulated Material	Dry Air / SF6 FREE	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated power frequency withstand voltage	kV	50/60*
Rated normal current	A	630
Rated frequency	Hz	50/60
Number of phase	3	
Short--Circuit making current	kA	50
Mainly active load breaking current	A	630
Electrical Endurance class	E3	
Mechanical Endurance class	M1	
Rated filling pressure at 20 °C	0,22 Mpa (absolute)	
Minimum functional pressure at 20 °C	0,22 Mpa (absolute)	
EARTHING SWITCH IN SWITCH DISCONNECTOR		
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Electrical Endurance class	E2 (5 times making)	

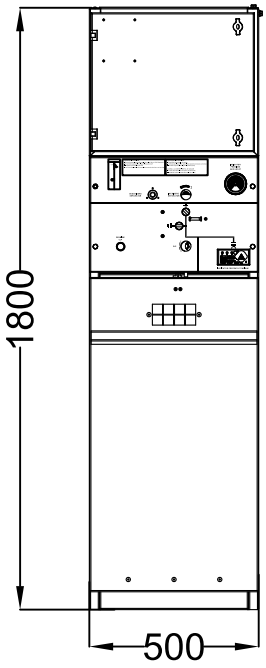
* Across the isolating distance

Applied Standard: IEC 62271-200 & IEC 62271-100

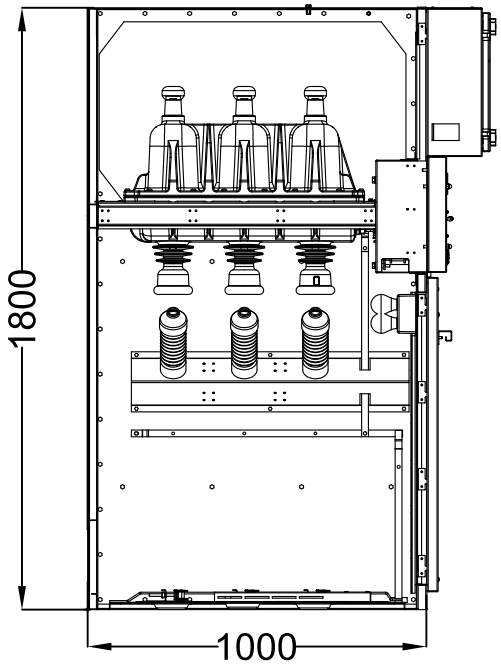
24kV 630A 20kA Incoming-Outgoing Cubicle with SF6 FREE Load Break Switch Disconnector



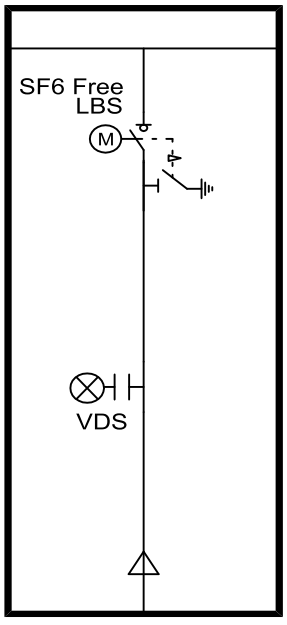
FRONT INNER VIEW



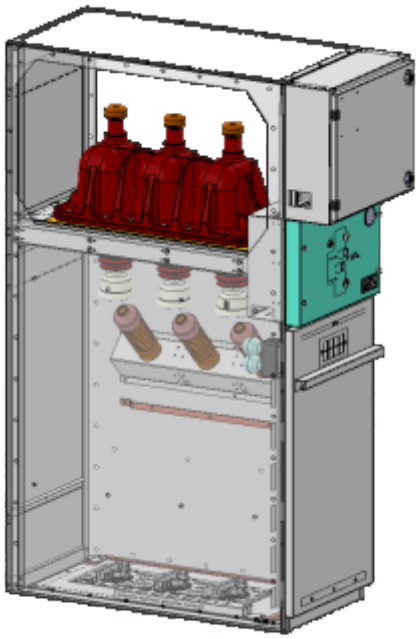
FRONT VIEW



SIDE VIEW



SINGLE LINE VIEW



3D VIEW

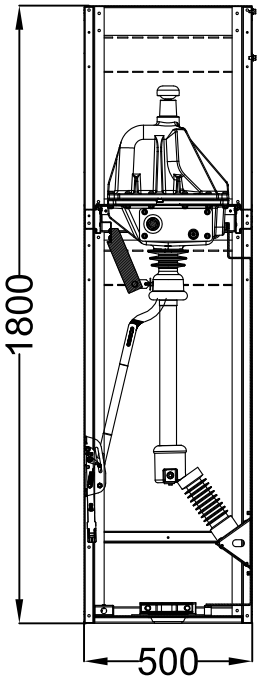
24kV 630A 20kA Transformer Feeder Cubicle with SF6 FREE Load Break Switch Disconnector and Fuse Combination

GENERAL		
Manufacturer	**ELKO**	
Type	MME FC-AIR	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated power frequency withstand voltage	kV	50/60*
Rated normal current	A	630
Rated frequency	Hz	50/60
Number of phase	3	
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Duration of short-circuit	s	1
Internal arc classification	IAC AFL 16 kA-1s	
Loss of service continuity	LSC 2A-PI	
Degree of Protection	IP 3X / IK10	
Dimensions	mm	500x1000x1800 (WxDxH)
SF6 FREE LOAD BREAK SWİTCH DİSCONNECTOR		
Insulated Material	Dry Air / SF6 FREE	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated power frequency withstand voltage	kV	50/60*
Rated normal current	A	630
Rated frequency	Hz	50/60
Number of phase	3	
Rated short--circuit withstand current	kA	20 kA - 1 second
Mainly active load breaking current	A	630
Electrical Endurance class	E3	
Mechanical Endurance class	M1	
Rated filling pressure at 20 °C	0,22 Mpa (absolute)	
Minimum functional pressure at 20 °C	0,22 Mpa (absolute)	
EARTHING SWITCH IN SWITCH DISCONNECTOR		
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Electrical Endurance class	E2 (5 times making)	
EARTHING SWITCH IN SWITCH DISCONNECTOR		
Rated short-circuit withstand current	kA	1 kA - 1 second
Rated peak withstand current	kA	2,5
Electrical Endurance class	E2 (5 times making)	

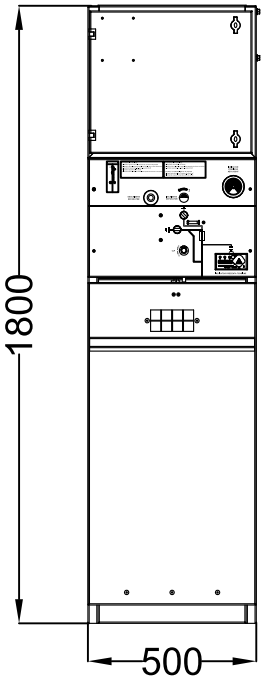
* Across the isolating distance

Applied Standard: IEC 62271-200 & IEC 62271-100

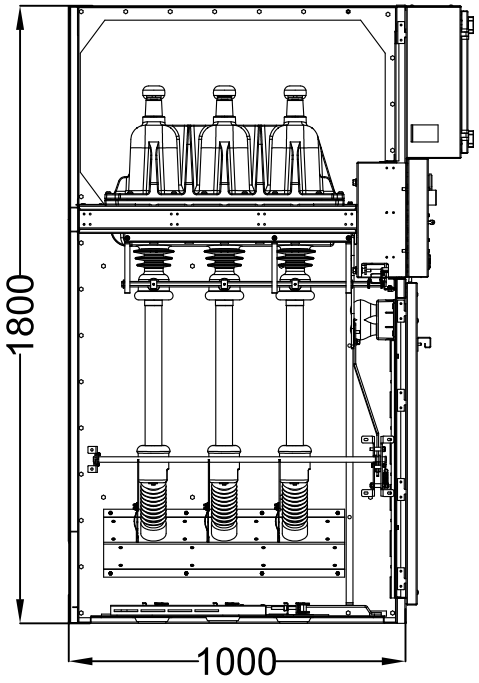
24kV 630A 20kA Transformer Feeder Cubicle with SF6 FREE Load Break Switch Disconnector and Fuse Combination



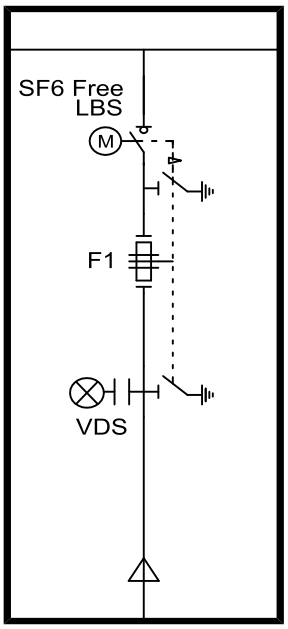
FRONT INNER VIEW



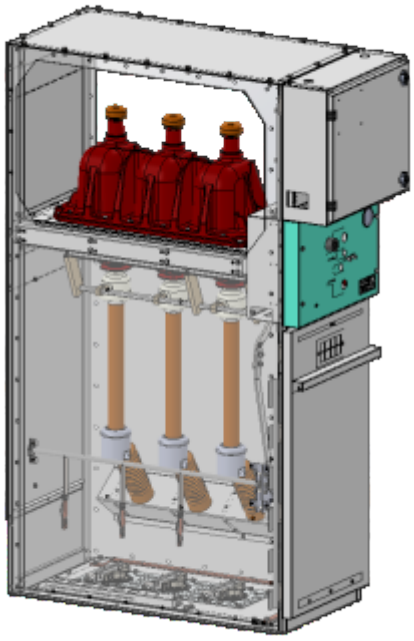
FRONT VIEW



SIDE VIEW



SINGLE LINE VIEW



3D VIEW

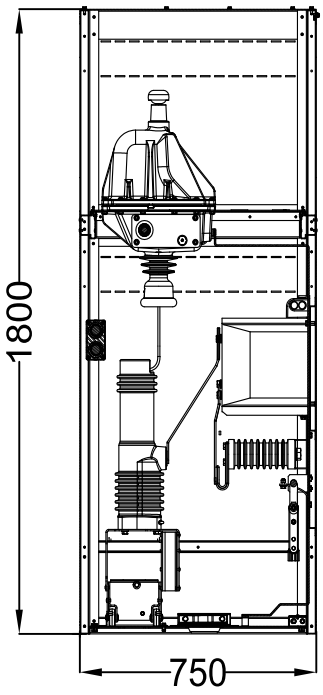
24kV 630A 20kA Incoming-Outgoing Feeder Cubicle with SF6 Free Load Break Switch Disconnector and Vacuum Circuit Breaker

GENERAL		
Manufacturer	**ELKO**	
Type	MME SP-AIR	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated power frequency withstand voltage	kV	50/60*
Rated normal current	A	630
Rated frequency	Hz	50/60
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Duration of short-circuit	s	1
Internal arc classification	IAC AFL 16 kA-1s	
Loss of service continuity	LSC 2A-PI	
Degree of Protection	IP 3X / IK10	
Dimensions	mm	750x1000x1800 (WxDxH)
SF6 FREE LOAD BREAK SWİTCH DİSCONNECTOR		
Insulated Material	Dry Air / SF6 FREE	
Rated voltage	kV	24
Rated lightning impulse withstand voltage	kV	125/145*
Rated normal current	A	630
Rated short--circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Short-circuit making current (peak)	kA	50
Mainly active load breaking current	A	630
Electrical Endurance class	E3	
Mechanical Endurance class	M1	
Rated filling pressure at 20 °C	0,22 Mpa (absolute)	
Minimum functional pressure at 20 °C	0,22 Mpa (absolute)	
EARTHING SWITCH IN SWITCH DISCONNECTOR		
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Electrical Endurance class	E2 (5 times making)	
EARTHING SWITCH AT DOWNSTREAM		
Rated short-circuit withstand current	kA	20 kA - 1 second
Rated peak withstand current	kA	50
Electrical Endurance class	E2 (5 times making)	
VACUUM CIRCUIT BREAKER		
Rated short-circuit withstand current	kA	20 kA
Rated peak withstand current	kA	50
Short-circuit making current (peak)	kA	50
Mainly active load breaking current	A	630
Electrical Endurance class	E2	

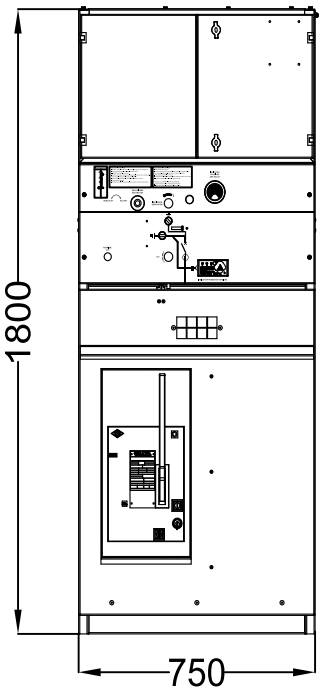
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Applied Standard: IEC 62271-200 & IEC 62271-100

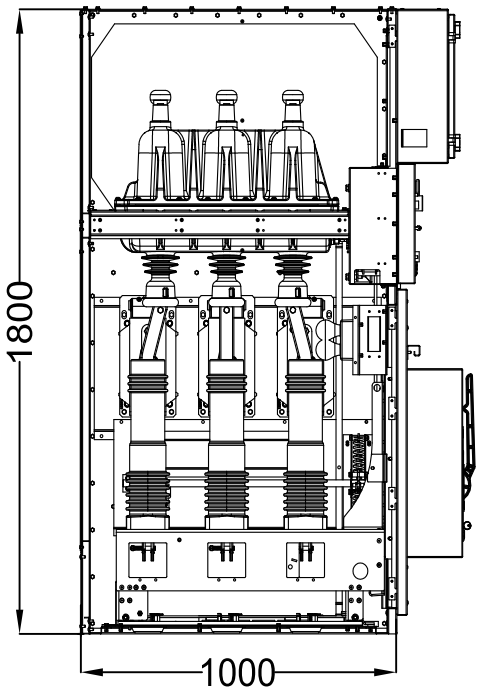
24kV 630A 20kA Incoming-Outgoing Feeder Cubicle with SF6 Free Load Break Switch Disconnector and Vacuum Circuit Breaker



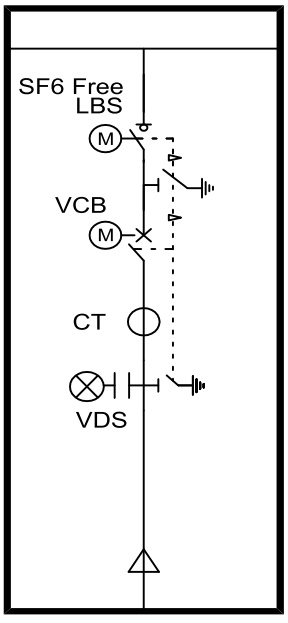
FRONT INNER VIEW



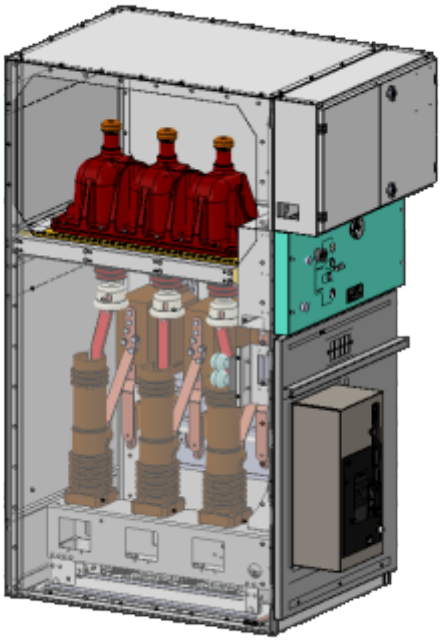
FRONT VIEW



SIDE VIEW

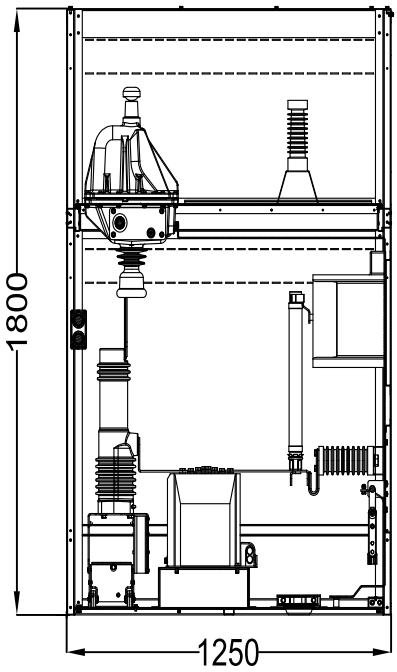


SINGLE LINE VIEW

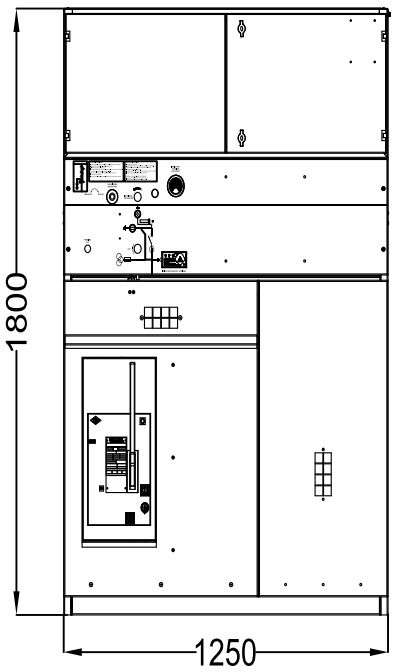


3D VIEW

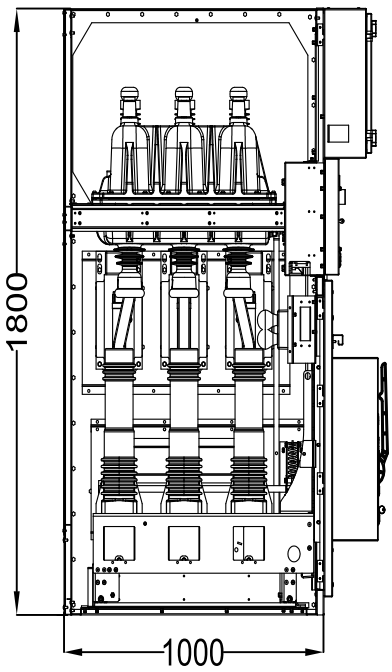
24kV 630A 20kA Incoming - Outgoing Feeder Cubicle With SF6 Free Load Break Switch Disconnector and Vacuum Circuit Breaker, Current Transformer and Voltage Transformer



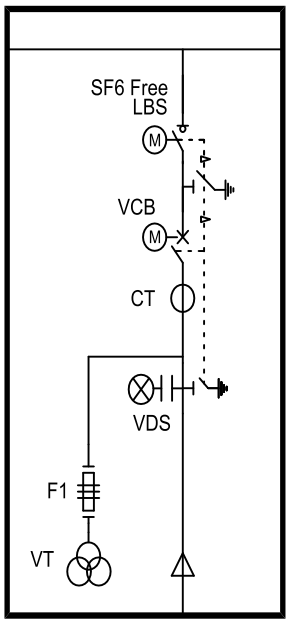
FRONT INNER VIEW



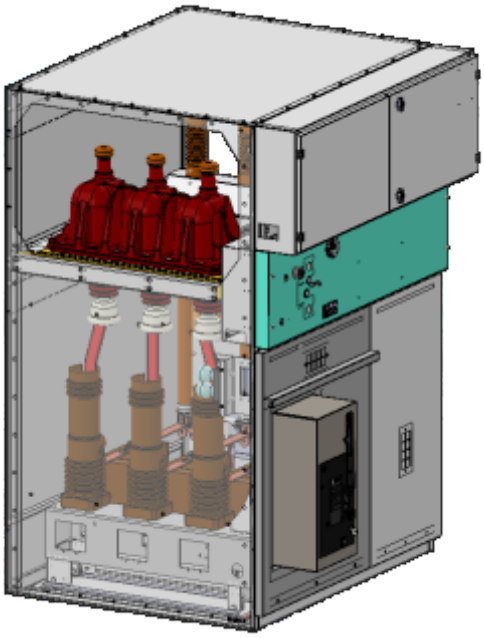
FRONT VIEW



SIDE VIEW

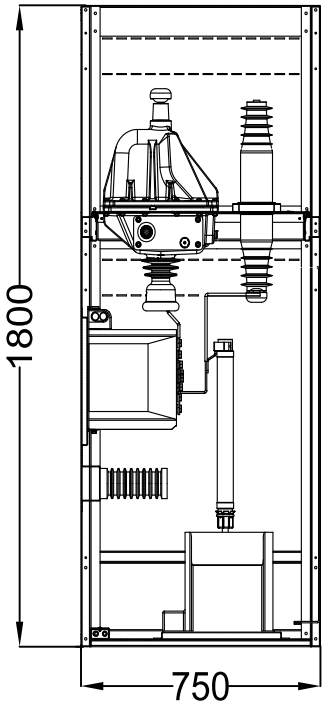


SINGLE LINE VIEW

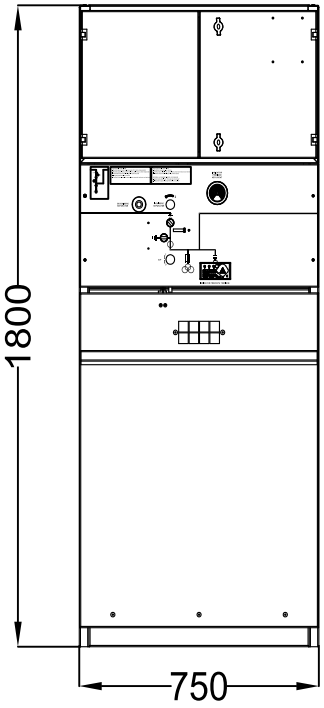


3D VIEW

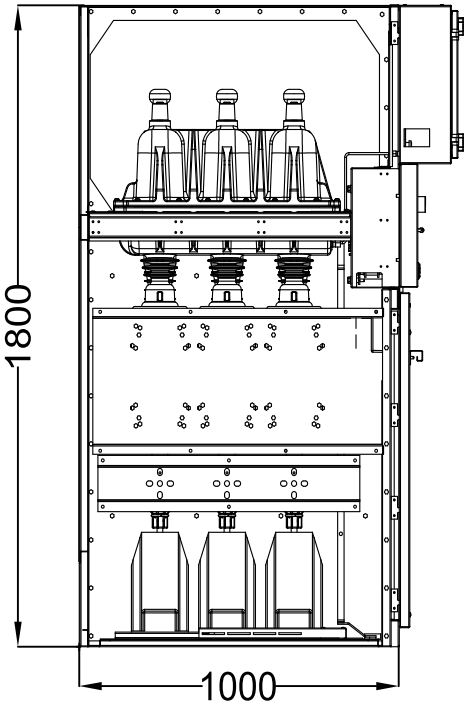
24kV 630A 20kA Current and Voltage Measurement Cubicle with SF6 Free Load Break Switch Disconnector



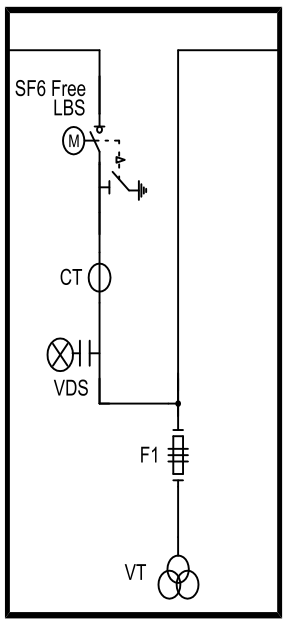
FRONT INNER VIEW



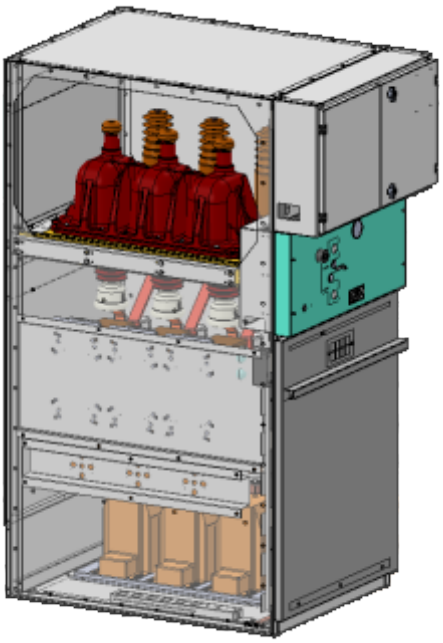
FRONT VIEW



SIDE VIEW

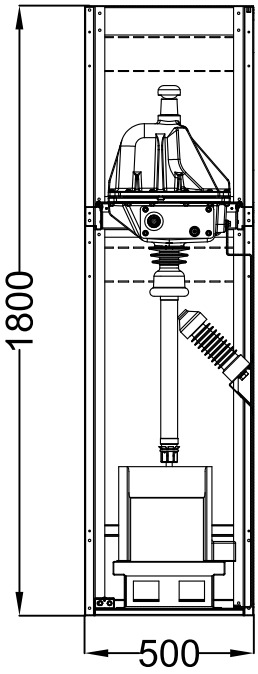


SINGLE LINE VIEW

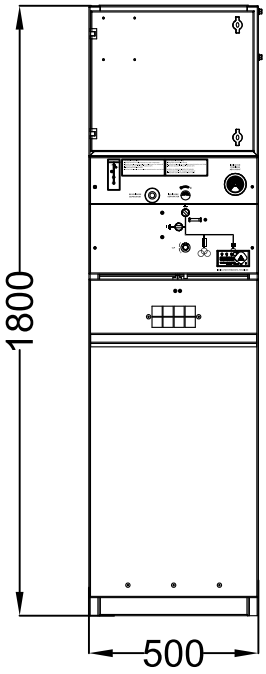


3D VIEW

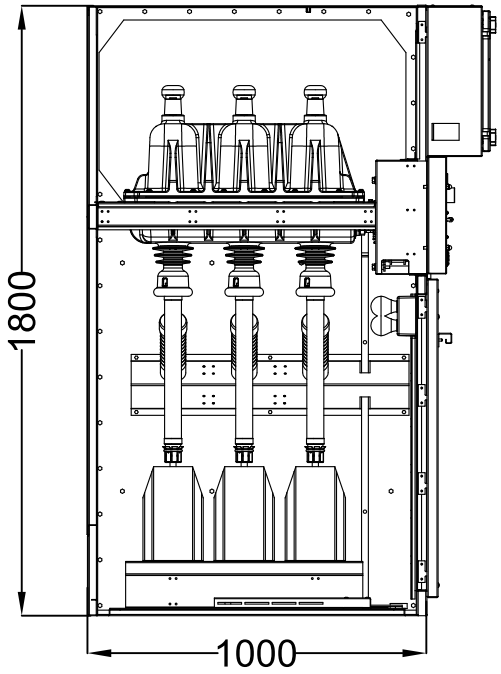
24kV 630A 20kA Voltage Transformer Cubicle With SF6 Free Load Break Switch Disconnector



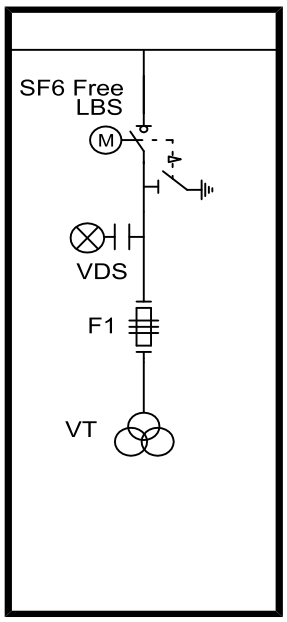
FRONT INNER VIEW



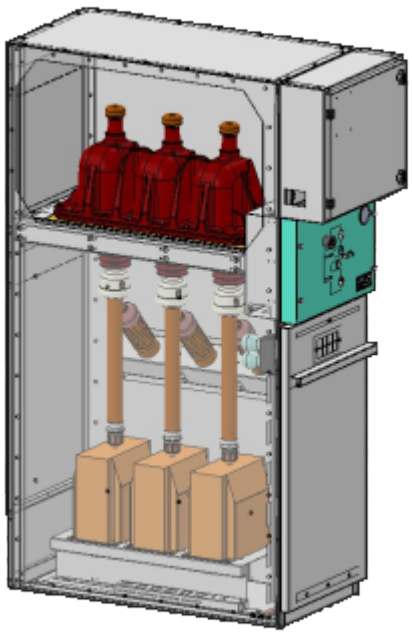
FRONT VIEW



SIDE VIEW



SINGLE LINE VIEW



3D VIEW



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