



BATTEL
elektromekanik

BYA **SF6** GAS LOAD BREAK SWITCH
TYPE 12-24-36 kV

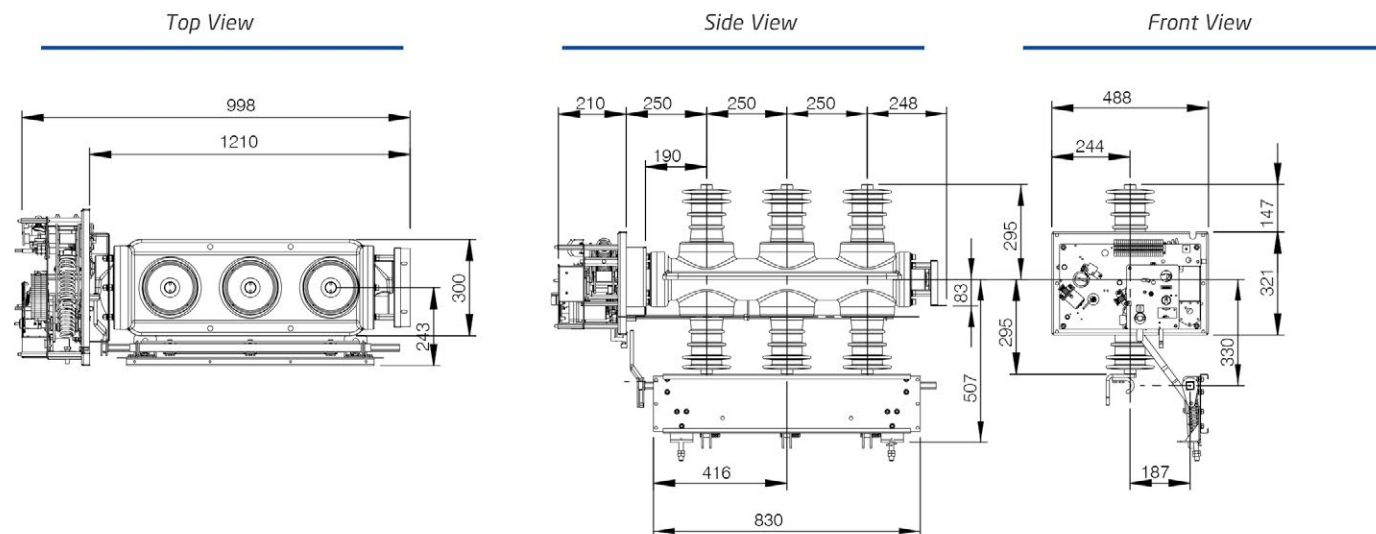
BYA SF6 GAS LOAD BREAK SWITCH

TYPE 12-24-36 kV



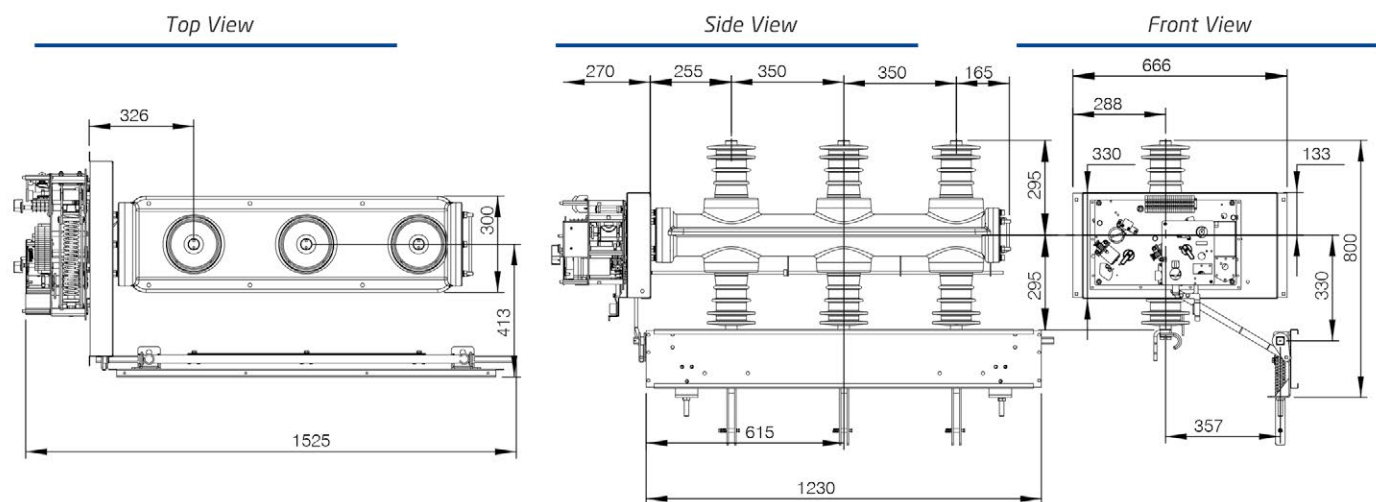
BYA 12 - 24 kV 630A LOAD BREAKER SWITCH

Weight : 82 kg



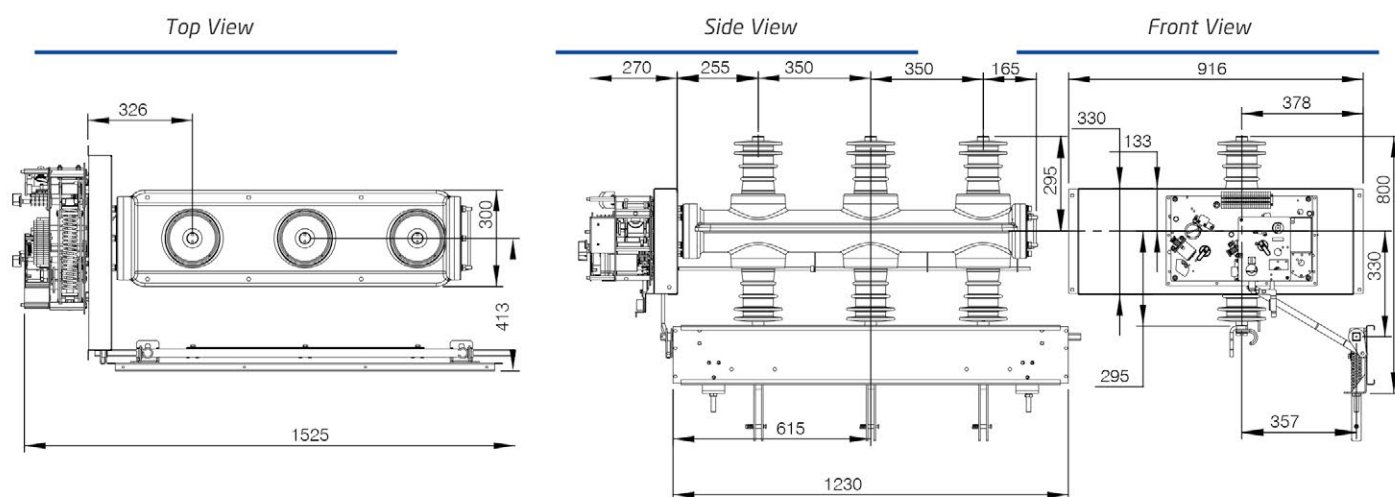
BYA 36 kV 630A LOAD BREAKER SWITCH (width: 750mm)

Weight : 93 kg



BYA 36 kV 630A LOAD BREAKER SWITCH (width: 1000mm)

Weight : 95 kg



BYA 36 kV

630 A LOAD BREAKER SWITCH



BYA

12 - 24 kV

630 A LOAD BREAKER SWITCH



General Specifications

- The main contacts of the switch in the epoxy resin enclosure which is filled with 1.5 bar SF6 gas and this sealed pressure system guaranteed for its life.
- The switch contacts can be in one of the two positions; closed / open. The earthing switch is outside of the enclosure, and its position clearly and safely can be observed directly. Its operation is interlocked with the mechanism of the main contacts.
- The safety of the gas filled enclosure is secured by the membrane system positioned at back side. Auxiliary contacts indicating the position of the main contacts and for the earthing switch are present. Operating mechanism can be charged manually by lever or optionally by motor. Charged mechanism has stored energy for closing and opening.
- Closing and opening functions can be done by the push-buttons or by the release coils. Fuse-trip system optionally can be equipped. Key type interlocks are possible.
- SF6 Gas Load Break Switch can be optionally equipped with VB640 type hermetically sealed temperature compensated digital pressure indicator with two alarm contacts.



Technical Characteristics

Rated voltage	kV	12	24	36
50 Hz, 1 min Insulation voltage	kV rms	28	50	70
50 Hz, 1 min isolation voltage	kV rms	32	60	80
1.2/50µs insulation voltage	kV peak	75	125	170
1.2/50µs isolation voltage	kV peak	85	145	195
Rated frequency	Hz	50	50	50
Rated current	A	630	630	630
Short time withstand current	kA, 1s	16	16	16
Related Standard	IEC 62271-103, IEC 62271-105			
Electrical endurance class	E3 (100 breaks)			
Mechanical endurance class	M1 (1000 operations)			
Earthing switch class	E2 (5 making)			
Ambient temperature for working	°C	- 5 / + 40		

Release coil and charging motor options :
Power supply 24 V DC - 48 V DC - 110 V DC - 220 V AC



BATEL ELEKTROMEKANİK SANAYİ VE TİCARET A.Ş.
A.O.S.B. 10001 Sk. No.13 Çiğli 35620 İZMİR - TÜRKİYE
Tel. +90 232 376 76 90 • Fax +90 232 376 76 91
info@batel.com.tr • www.batel.com.tr

7/24
service
+90 232 376 76 90
servis@batel.com.tr