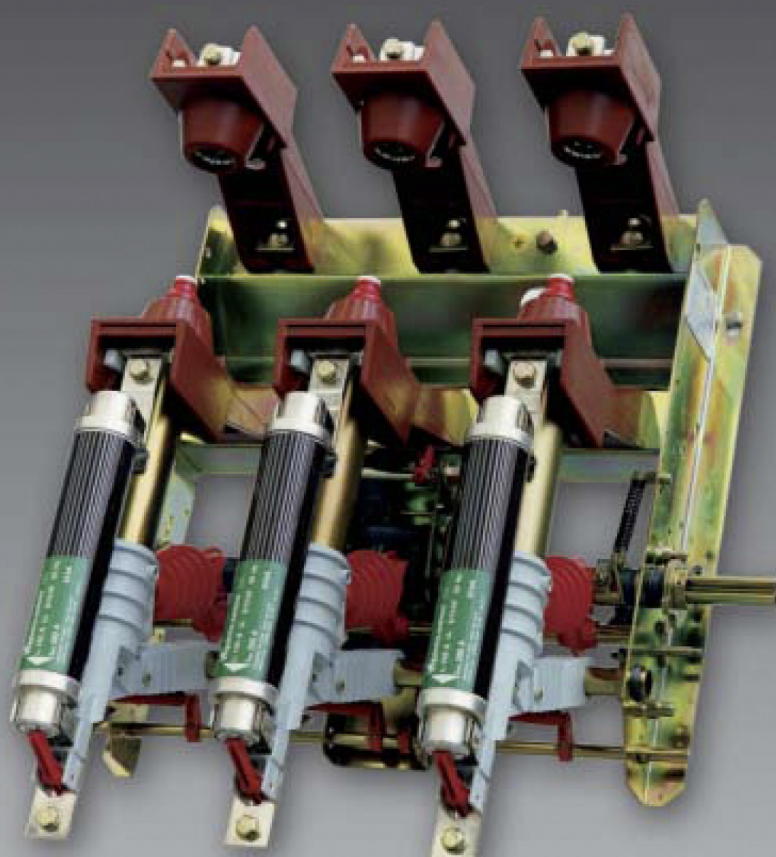


VEI ELECTRIC SYSTEM CO., LTD

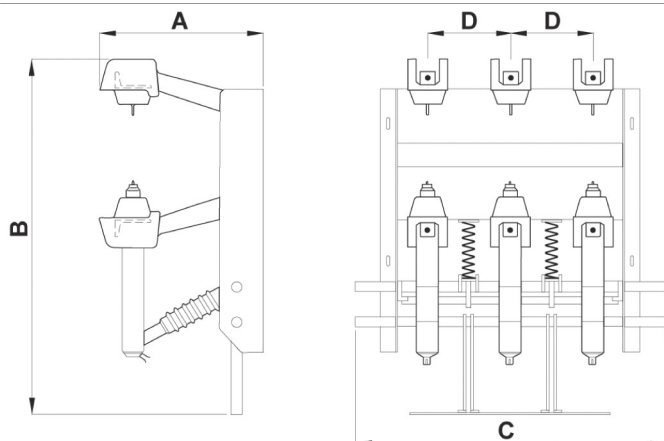
ISARC-P

AIR INSULATED LOAD BREAK SWITCH DISCONNECTORS

12/36 kV - 400/630 A - 12,5/25 kA



AIR INSULATED LOAD BREAK SWITCH DISCONNECTORS



OVERALL DIMENSIONS AND WEIGHT

Type	kV	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg.)
1P - 3P ^(*)	12	375	880	820	210	60
	24	430	880	1030	300	75
2P - 4P ^(*)	12	395	940	860	210	65
	24	480	940	1060	300	80

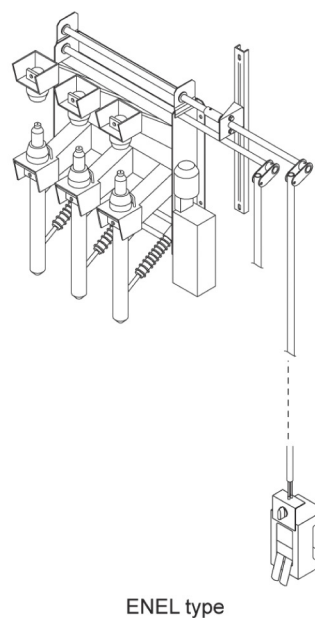
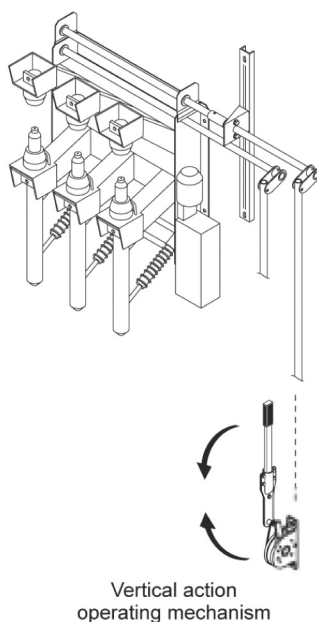
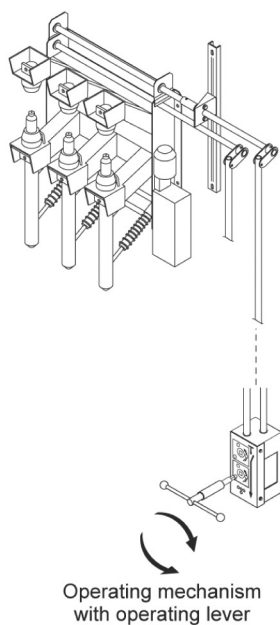
(*) - For execution 36 kV ask VEI

Type 1 - Switch disconnector

Type 2 - Transformer protection fuse-switch disconnector

Type 3 - Disconnector (off-load)

Type 4 - Disconnector with fuse-holders (off-load)



ELECTRICAL FEATURES

Rated voltage	Ur[kV]	12	17,5	24	36
Power frequency withstand voltage (50/60 Hz 1 min) to earth and between phases:	Ud[kV]	a) 28-42(*) b) 32	a) 38 b) 45	a) 50 b) 60	70
Impulse withstand voltage to earth and between phases:	Up[kV]	a) 75 b) 85	a) 95 b) 110	a) 125 b) 145	170
Rated current	Ir[A]	400-630	400-630	400-630	400-630
Breaking capacity of active circuits (cos ϕ 0.7) and ring circuits at 0.3 Vn	I ₁ -I _{2a} [kA]	400-630	400-630	400-630	400
Breaking capacity of no-load transformers	I ₃ [kA]	25	25	25	25
Breaking capacity of no-load lines/cables	I _{4a} -I _{4b} [kA]	25	25	25	25
Earth fault breaking capacity	I _{6a} [kA]	200	200	200	200
Cable and line-charging breaking current under earth fault condition	I _{6b} [kA]	50	50	50	50
Transfer current	I ₄ [A]	1700	1250	800	-
Short time withstand current - 1 sec.	I _k [kA]	12,5-25	12,5-25	12,5-25	12,5-25
Short time withstand current - 3 sec.	I _k [kA]	12,5-20	12,5-20	12,5-20	12,5-20
Making capacity	I _{ma} [kA]	31,5-62,5	31,5-62,5	31,5-62,5	31,5

(*) Chinese Standards GB 3804-90 3 to 36kV

VEI S.p.A. reserves the right of bringing any modification due to technical and commercial reasons at any time. Therefore the information and pictures reported in the present issue are updated until the approval of printing.