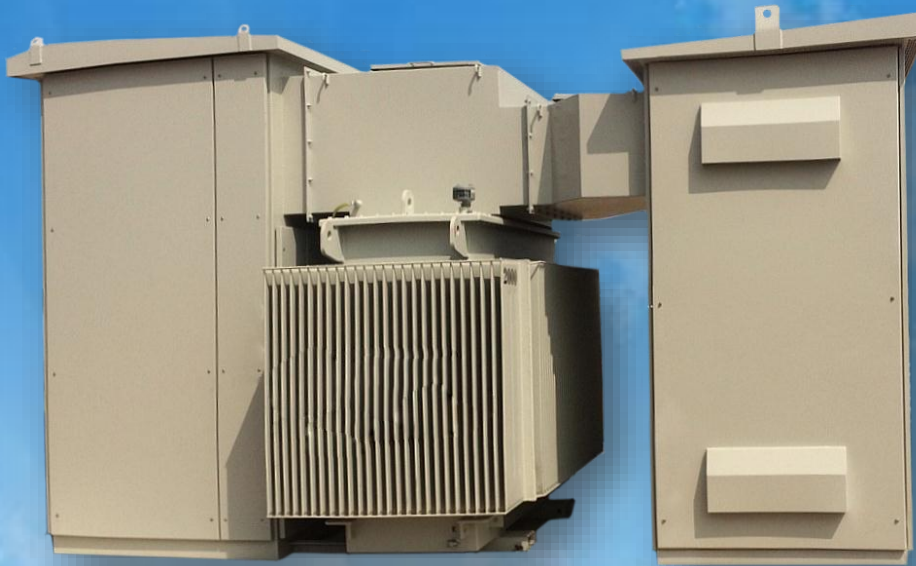




LOAD BREAKING SWITCH & PANEL



PANEL BOARD TYPE

- Indoor IP 31
- Outdoor IP 54
- METAL-ENCLOSE

THICKNESS ELECTRO GALVANIZED STEEL SHEET

- Door 2 mm.
- Cover 2 mm.
- Plate 2 mm.
- Partition 2 mm.
- Frame 3 mm.
- Base Frame U 3"

COLOR

- RAL7032
- RAL7036 (OPTION)

BUSBAR TYPE

- Bare rating
- Heat shrinkable



TECHNICAL DATA SHEET

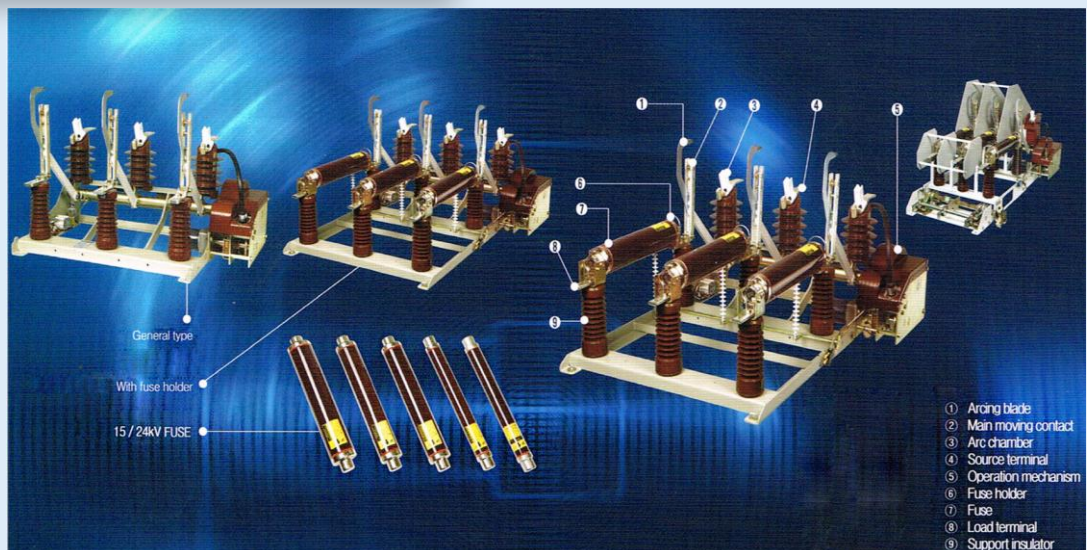


No.	Description	Unit	Data
1	Rated voltage	kV	24
2	Rated Normal current(r.m.s)	A	630
3	Rated frequency	Hz	50/60
4	Lightning impulse withstand voltage (peak value)		
4.1	Between phases to earth	kV	125
4.2	Across isolating distance	kV	145
5	Rated duration of short time withstand current	sec	1
6	Rated short time withstand current(r.m.s)	kA	20
7	Rated short-circuit making and breaking current	kAp	52
8	Net Weight	kg	120
9	Operating close – open LBS		Auto-Manual
10	Operating Earth switch		Manual

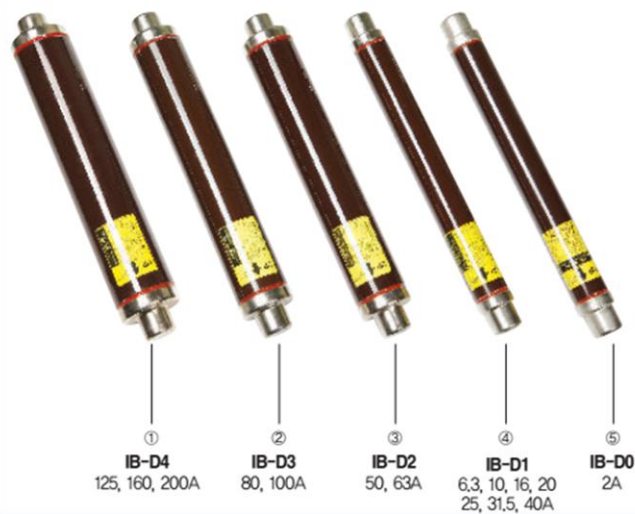
STRUCTURE



No.	Name
1	Arcing blade
2	Main moving contact
3	Arc chamber
4	Source terminal
5	Operation mechanism
6	Fuse holder
7	Fuse
8	Load terminal
9	Support insulator



FUSE FOR LOAD BREAKING SWITCH



ELECTRICAL CHARACTERISTICS

Type	Rated voltage (kV)	Rated current (A)	I_1^{11} (kA)	I_3^{21} (A)	Rated power loss (W)		[mΩ] Resistance at 20°C	I^2t (kA ² s)	
					50%	100%		Prearcing	arcing
IB-D0	24kV	2	31.5	16	4	16	3290	0.005	0.3
IB-D1		6.3		49	4.0	20	500	0.007	4.5
		10		31	9.7	42	315	2	22
		16		55	11	57	165	3	28
		20		81	13	60	110	4	31
		25		121.5	11	64	73	4.2	34
		31.5		162	15	77	55	5	39
		40		200	20	115	44	6	42
IB-D2		50		262.5	21	112	28	7	50
IB-D3		63		350	24	140	22	9	107
		80		456	38	225	18.3	19	166
IB-D4		100		550	45	260	13.2	24	208
		125		750	100	595	11.5	28	220
		160		950	69	310	9.0	32	235
	200	1040	79	576	8.0	34	240		

Applied Standard

IEC 60282-1

High-voltage fuses“ Current limiting fuses”

DIN 43625

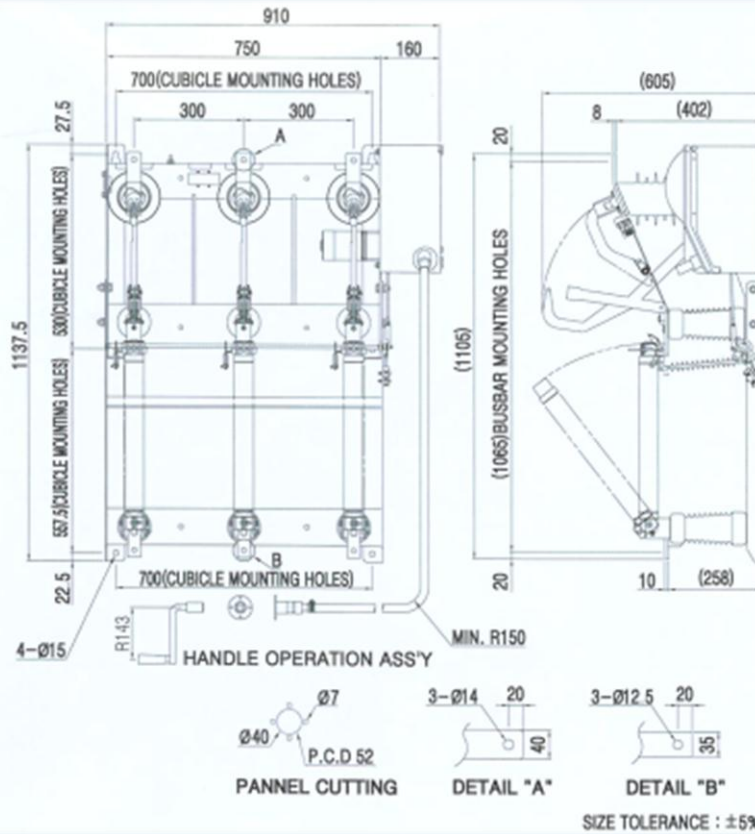
High-voltage fuses; rated voltage 3.6 to 36kV fuse-links

IEC 60420

High-voltage alternating current switch-fuse combination

KS C 4612

High Voltage Current Limit Fuse



CERTIFICATION

Certification

- IEC62271-105(Switch-Fuse)
- IEC62271-103
- IEC60281-1(Load Break Switch)
- IEC62271-102(Earth switch ratings)
- IEC600994-4(Lightning arrester ratings)
- IEC62271-1

ISO 9001:2000

ISO 14001:2004



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