

Description

The XRNT1 series current limit fuse is used indoor system of 50HZ and rated voltage of 3.6kV, 7.2kV, 12kV, 24kV, 36, 40.5kV, together with other switch facilities such as loading switches, vacuum contactors, it can protect electric transformers and other electric facilities against overloading or circuit break.

It is also a essential accessory for high-voltage switchgears, circular circuit cabinets, high & Low voltage top-loading transformer substation. The fuse conforms to IEC60282-2 standard for full voltage ratings.

Specification

Rated voltage (kV)	Model	Foreign counterparts	Rated current of fuse links (A)	Rated breaking current (kA)	Weight (KG)
3.6	XRNT	SDO.J	6.3, 10, 16, 20, 25, 31.5, 40	31.5	1.12
7.2		SDL.J	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63	31.5	1.47
7.2		SFL.J	80, 100, 125, 160	31.5	3.15
12		SDL.J	6.3, 10, 16, 20, 25, 31.5, 40	31.5	1.47
12		SFL.J	50, 63, 71, 80, 100	31.5	3.15
12		SKL.J	125	31.5	3.15
12		SXL.J	160, 200	31.5	4.15
24		SDM.J	6.3, 10, 16, 20, 25, 31.5, 40	31.5	2.70
24		SFM.J	50, 63, 71, 80, 100	31.5	4.50
24		SKM.J	125	31.5	4.50
24		SXM.J	160	31.5	5.40
36		SDQ.J	6.3, 10, 16, 20, 25, 31.5, 40	31.5	2.90
36		SFQ.J	31.5, 40	31.5	5.51
36		SXQ.J	63	31.5	6.50

Note: Under stipulated condition, min. breaking current of fuses could be as high as 2.5~3.0 times than rated current.

Fuse selection

Capacity	Primary voltage (10kV, 12kV, 24kV)		Primary voltage (35kV)	
	Fuse current (A)	Fuse Model	Fuse current (A)	Fuse Model
100	16	XRNT1-12	3.15	XRNT-40.5/40
125	16	XRNT1-12	6.3	XRNT-40.5/40
160	16	XRNT1-12	6.3	XRNT-40.5/40
200	20	XRNT1-12	6.3	XRNT-40.5/40
250	25	XRNT1-12	10	XRNT-40.5/40
300/315	31.5	XRNT1-12	10	XRNT-40.5/40
400	40	XRNT1-12	16	XRNT-40.5/40
500	50	XRNT1-12	16	XRNT-40.5/40
630	63	XRNT1-12	20	XRNT-40.5/40
750/800	80	XRNT1-12	25	XRNT-40.5/40
1000	80	XRNT1-12	31.5	XRNT-40.5/40
1250	100	XRNT1-12	40	XRNT-40.5/40
1500/1600	125	XRNT1-12	50	XRNT-40.5/63
2000			56	XRNT-40.5/63
2500			63	XRNT-40.5/63

Outline dimension