

Hubei Jucro Electric CO., LTD.

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FN7-12KV

1.General

The AC H.V load switch FN7-12DR is a new type gas using indoor hv load switch, adapt to 3 phases AC electrical power system with the frequency 50HZ and rated voltage 12KV. It is used to break out the load current and cut the short current.

2. Main parameters

Rated voltage (KV. Effective value)		12	
Rated insulation level	1min power frequency withstand voltage (KV. Effective value)	Earth to earth and between phase 42	Isolation fracture 48
	Lightning surge withstand voltage (KV. Effective value)	Earth to earth and between phase 75	Isolation fracture 85
Rated current A		400	630
4S Thermo stable current(virtual value) (kA)		12.5	20
Rated current (KV. Peak value)		31.5	50
Short circuit open and close current(kA) (KV. Peak value)		31.5	50

3. Main specification

Sort	Type	DS Earth on coil in interface	DX Earth on coil out interface	L Interlock device	R Fuse	R Striking fuse	F Electro- motion break- brake device
Without release	FN7-12						
	FN7-12DSL	*		*			
	FN7-12DXL		*	*			
	FN7-12R				*		
	FN7-12DSLRL	*		*	*		
	FN7-12DXLRL		*	*	*		

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With striking release	FN7-12RAF					*	*
	FN7-12SLRAF	*		*		*	*
	FN7-12DXLRAF		*	*		*	*

4. Fuse Rated Parameter

Type	Rated voltage (kV)	Rated current (A)	Fuse link rated current (A)
SDLA*J	12	40	6.3,10,16,20,25,31.5,40
SFLA*J	12	100	50,63,71,80,100
SKLA*J	12	125	125

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