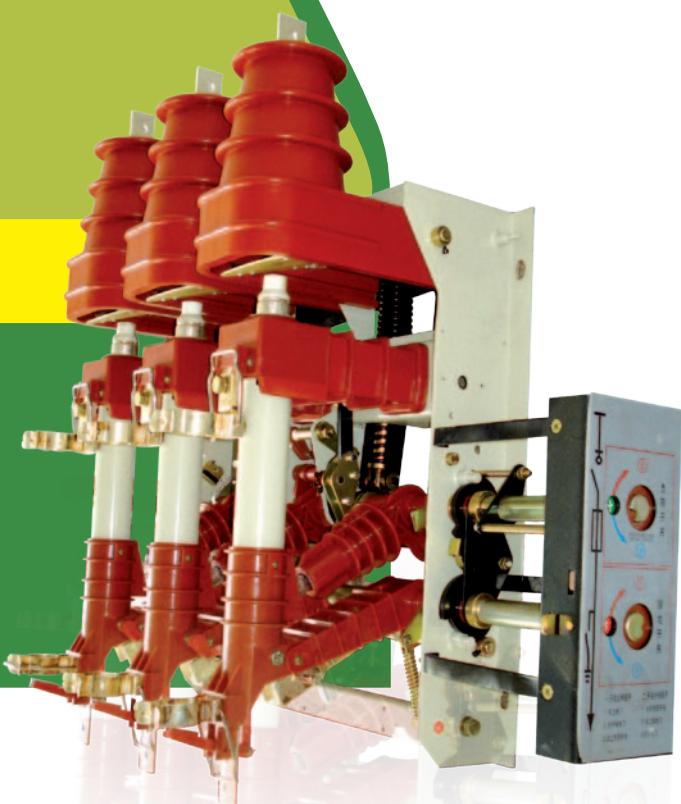


SCY-12

户内交流高压负荷开关
Indoor AC High Voltage Load Switches



适用范围

Application

SCY-12 系列户内交流高压负荷开关(以下简称 SCY-12 负荷开关)是额定电压为 12kV, 额定频率 50Hz 的三相高压开关设备, 用于分合负荷电流, 闭环电流, 空载变压器和电缆充电电流, 关合短路电流。配装接地开关的负荷开关, 可以承受短路电流。

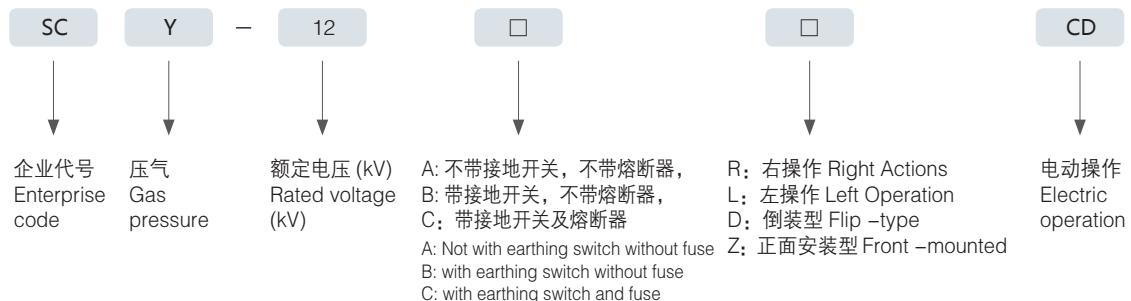
SCY-12C 系列交流高压负荷开关 -- 熔断器组合电器(以下简称 SCY-12C 组合电器), 是 SCY-12 负荷开关与 SDAJ-12 (XRNT □ -10) 高压限流式熔断器组合在一起的户内高压开关设备。它具有可靠的开断短路电流的任何电流; 负荷开关开断工作电流, 熔断器开断短路电流, 联合开断工作电流与全短路电流之间的任何过电流, 同时熔断器通过其撞击器使负荷开关分闸。

SCY-12series indoor AC high voltage load switches is a rated voltage of 12kV, rated frequency 50Hz three-phase high-voltage switch equipment ,for the closing and opening load current, loop current, air containing transformers and cable charging current, short circuit current of the Closing. Equipped with grounding switch load switch that can withstand short-circuit current.

SCY-12Cseries AC high voltage load switch-fuse combination units, is the SCY-12Cload switch and SDAJ-12 (XRNT □ -10) high-voltage current-limiting type fuse combination units together in the indoor high voltage switchgear. It can be a reliable short-circuit breaking current up to any current; load switch breaking current, the fuse short-circuit breaking current breaking joint working between the current and total short-circuit current of any over-current, fuse through its impact to load switches opening.

断路器型号、名称及含义

Type of circuit breaker, the name and meaning



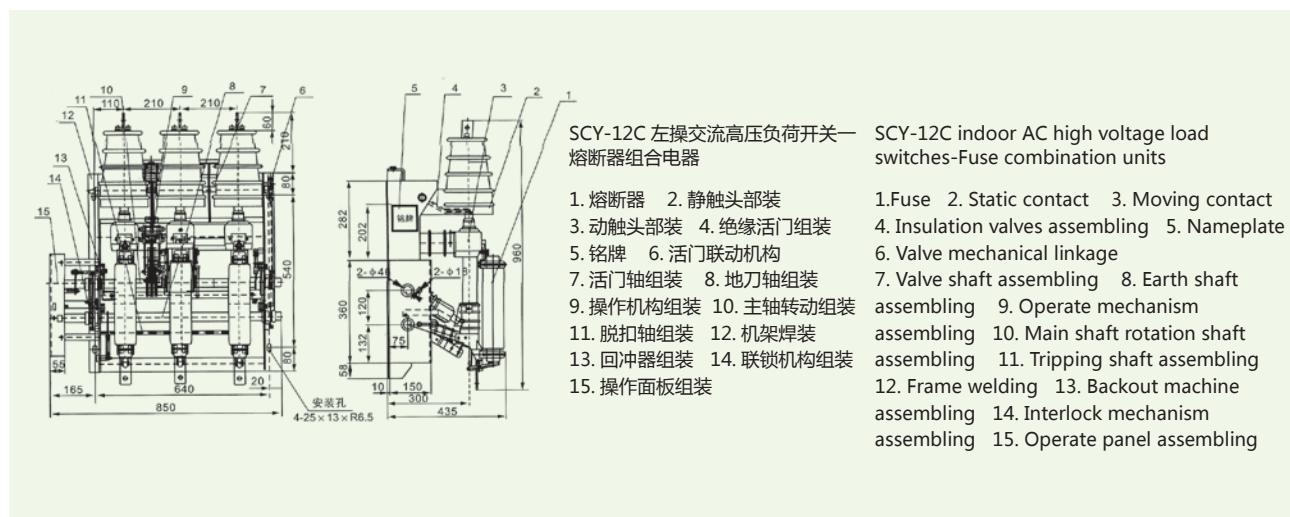
外形及安装尺寸

General structure drawing and installation size



外形及安装尺寸

General structure drawing and installation size



主要技术参数

Mainly technical parameters

序号 No	项目 Item	单位 Units	数值 Value	
			SCY-12	SCY-12
1	额定电压 Rated voltage	kV	12	
2	额定频率 Rated frequency	Hz	50	
3	额定电流 Rated current	A	630	100
4	雷电冲击耐受电压 Lightning impulse withstand voltage	kV	对地及相间 75、隔离断 85Earth&inter-phase 75 insulating fracture 85	
5	1分钟工频耐受电压 1min power frequency withstand voltage	kV	对地及相间 42、隔离断 48Earth&inter-phase 42 insulating fracture 48	
6	额定热稳定电流 Rated thermal current	KA	20(4S)	
7	额定动稳定电流 Rated dynamic current	KA	50	
8	额定关合电流 (峰值) Rated closed current (peak)	KA	50	50
9	额定短路开断电流 (预期值) Rated short-circuit breaking current (predictive value)	KA		31.5
10	临界开断电流时最大 $I_{2,tMax}$ I_{2t} on critical breaking current	A2S	按熔断器特征曲线 Comply with fuse characteristic curve	
11	最小开断电流 Min breaking current	KA	按熔断器特征曲线 Comply with fuse characteristic curve	
12	额定转移电流 Rated transfer current	KA		1.5
13	最大开断电流 (参考值) Max breaking current (reference value)	KA	1.8	
14	开断空载变压器容量 Breaking no-load transformer capacity	kVA	1250	
15	额定电缆充电电流 Rated cable charged current	A	10	
16	额定有功负载电流开断次数 Rated power load current breaking times	次	> 100	
17	撞击器触以负荷开关分闸时间 Breaking times of striker with load-switch	S		> 0.06
18	接地开关热稳定电流 Earth switch thermal current	KA	20(2S)	
19	接地开关热稳定电流 (峰值) Earth switch thermal current (peak)	KA	50	
20	电动机操作电源电压 Motor operate power voltage	V	AC DC 110、220	