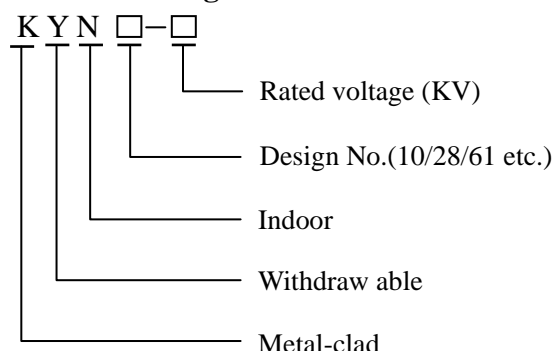


High Voltage Switchgear

*Model & Meaning



* General Introduction

KYN Series draw out metal-clad Switchgear is a state product. It is widely used in the single bus power system of three-phase, 50HZ, AC rated voltage 40.5kv to receive and distribute power in the power plants, power substation and the mining and industrial enterprise. And it controls, protects, and monitors the circuit. The switch cabinet is not only widely used in the normal power system but also used in the frequently operated power circuit.

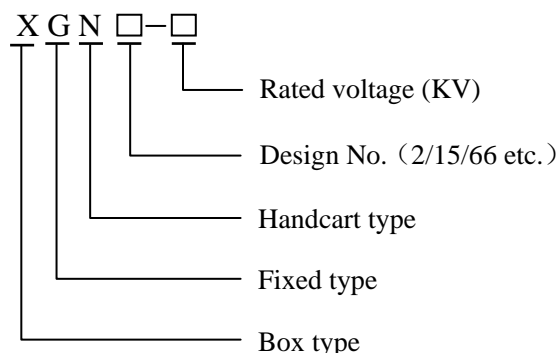
The frame of the cabinet is metal-clad and metal-enclosed, and the cabinet applies the high-quality welding plate. The shell protection level is IP3X/IP4X. The switch cabinet is single side and not against wall installation. The inner is with high performance of SF6 or vacuum circuit breaker. The main circuit applies the heat shrinkable insulating bus bushing, the layer and contactors are good insulated and small-sized, and the handcart is with feed mechanism and reliable positioning device. The inner has the reliable “five-defense” mechanical interlocking device to ensure the safe and reliable operation. The switch cabinet complies with the standard of GB3906 and IEC-298.

* Technical parameters

Item		Unit	Value	
Rated Voltage		KV	40.5	
Rated insulation Level	Power frequency withstand voltage(1min)	KV	Phase-Phase Phase-earth	Isolation fracture
			95	118
	Rated lightning impulse withstand voltage		185	215
Rated short-time withstand current (4S)		KA	20、 25、 31.5	
Specified short circuit drop-out current		KA	20、 25、 31.5	
Rated withstand current (peak)		KA	50、 63、 80	
Rated short circuit making current		KA	50、 63、 80	
Rated current		A	1250-2500	
Protection degree			IP3X/IP4X	

High Voltage Switchgear

*Model & Meaning



* General Introduction

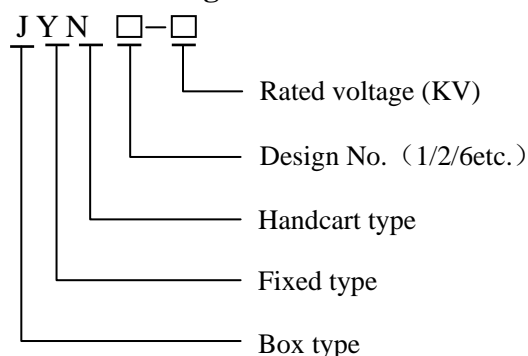
It is used to receive and distribute power of 40.5KV three-phase AC 50HZ system and it is especially suitable for the frequently operated place. The circuit breaker can be equipped with national ZN12-40 or ZN23-40.5 vacuum circuit breaker or SF2-35 SF6 circuit breaker, fixed installed and is with CD10 series of electromagnetic operating mechanism or CT19 series of spring operating mechanism. The disconnected applies the GN27 series of products. It is mainly used in the power plants, substations and industrial and mining enterprises.

* Technical parameters

Item		Unit	Value	
Rated Voltage		KV	40.5	
Rated insulation Level	Power frequency withstand voltage(1min)	KV	Phase-Phase Phase-earth	Isolation fracture
			95	118
	Rated lightning impulse withstand voltage		185	215
Rated short-time withstand current (4S)		KA	20、25、31.5	
Specified short circuit drop-out current		KA	20、25、31.5	
Rated withstand current (peak)		KA	50、63、80	
Rated short circuit making current		KA	50、63、80	
Rated current		A	1250, 1600, 2000	
Protection degree			IP2X/IP3X	

High Voltage Switchgear

*Model & Meaning



* General Introduction

This series of products are the indoor complete set equipments of three-phase AC 50HZ single bus system to receiver and distributor of the 35KV power grid. This product applies the hermetically sealed structure and is with the reliable five-defense interlocking device. It applies the whole insulating clapboard of SMC fire-retardant materials primary contact box. It is of good insulation capability and high safe operation capability.

The main switch applies the ZN23-35 vacuum circuit breaker or LN-35 SF6 circuit breaker, which runs safely, long working life, maintenance-free, high adaptation to the environment.

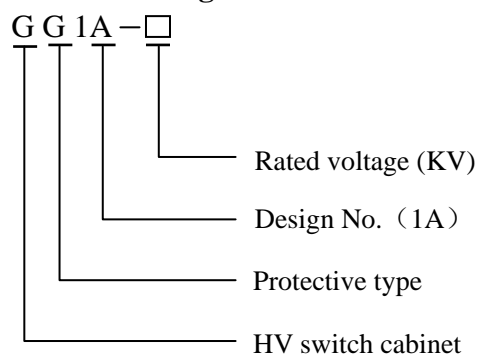
It is the ideal indoor Switchgear for 35KV distribution system.

* Technical parameters

Item		Unit	Value	
Rated Voltage		KV	40.5	
Rated insulation Level	Power frequency withstand voltage(1min)	KV	Phase-Phase Phase-earth	Isolation fracture
			95	118
	Rated lightning impulse withstand voltage		185	215
Rated short-time withstand current (4S)		KA	20、 25、 31.5	
Specified short circuit drop-out current		KA	20、 25、 31.5	
Rated withstand current (peak)		KA	50、 63、 80	
Rated short circuit making current		KA	50、 63、 80	
Rated current		A	1250~ 2500	
Protection degree			IP2X	
External dimension (W*D*H)		mm	1818*2400*2925	

High Voltage Switchgear

*Model & Meaning



* General Introduction

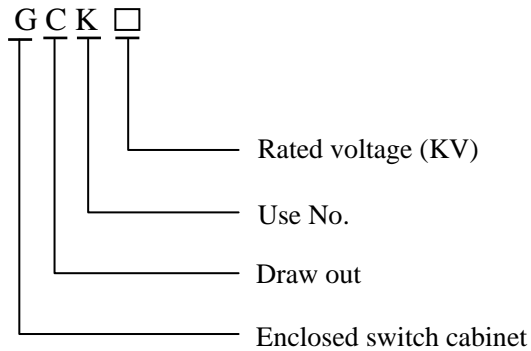
GG1A-40.5 handcart HV switch cabinet is the complete set distribution equipment of three-phase AC 50HZ single bus, it is with ZN12-40.5 and ZN23-40.5 vacuum circuit breaker. It is small sized and light. The modular structure makes maintenance easy. The handcart can be equipped with all type of operating mechanism. It is widely used in the power plant, substation and industrial and mining enterprises.

* Technical parameters

Item		Unit	Value	
Rated Voltage		KV	40.5	
Rated insulation Level	Power frequency withstand voltage(1min)	KV	Phase-Phase Phase-earth	Isolation fracture
			95	118
	Rated lightning impulse withstand voltage		185	215
Rated short-time withstand current (4S)		KA	20、 25、 31.5	
Specified short circuit drop-out current		KA	20、 25、 31.5	
Rated withstand current (peak)		KA	50、 63、 80	
Rated short circuit making current		KA	50、 63、 80	
Rated current		A	1250、 1600	
Protection degree			IP2X	
External dimension (W*D*H)		mm	1800*2000*2500	

Low Voltage Switchgear

*Model & Meaning



* General Introduction

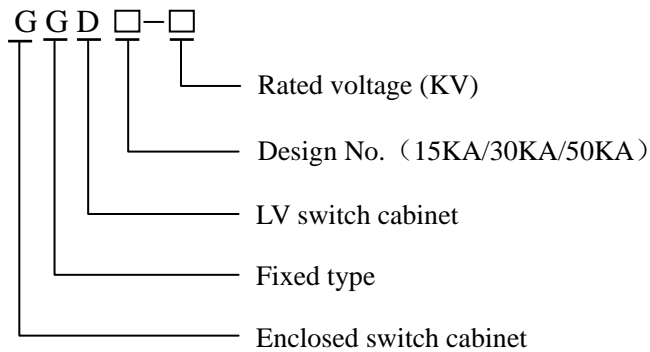
GCK LV draw out switch cabinet is suitable for the power plant, metallurgy, steel rolling, petrochemical, textile and light industry, port, building hotels and other places as the function of distribution and motor control of the AC three-phase four of five wire system, 380V voltage, 50Hz power system. The framework of the cabinet applies the 8MF type steel, with independent functional unit and lever feed mechanism which ensure the interchange of the same unit and improve the reliability of power supply.

* Technical parameters

Item		Unit	Parameters
Rated working voltage		V	AC380、AC660
Rated frequency		HZ	50/60
Rated current	Horizontal busbar	A	≤ 4000
	Vertical busbar	A	≤ 1600
Rated short time withstand current (1s)		KA	50
Rated withstand current (peak)		KA	105
Dielectric strength		V/1min	2500
Rated insulation voltage		V	660
Control motor capacity		KW	0.5~155
Protection degree			IP30/IP40
External dimension (W*D*H)		mm	600(800、1000)*600 (800、1000) *2200

Low Voltage Switchgear

*Model & Meaning



* General Introduction

GGD AC LV distribution cabinet is suitable for power plant, power station, mining and industrial enterprises to transformer distributes and control the powering AC 50Hz, 380V rated working voltage, and 3150A rated current lighting and distributing equipment.

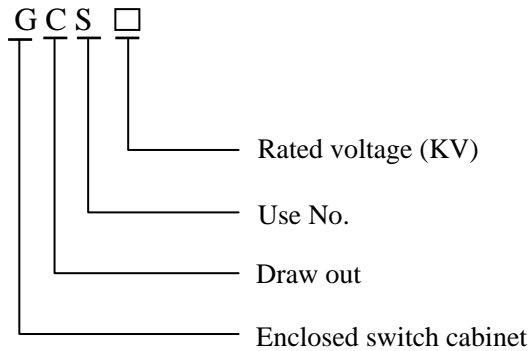
GGD cabinet applies the universal cabinet form. The products has the features of high breaking capability, stable dynamic thermal ability, flexible electrical program, convenient combination, strong series and practice, innovative structure, high level of protection. It both shortens the production cycle and improves the efficiency and save the social resources. It can replace the LV packaged switch cabinet.

* Technical parameters

Item		Unit	parameters
Rated working voltage		V	AC380、AC660
Rated frequency		HZ	50/60
Rated current	Horizontal busbar	A	≤4000
	Vertical busbar	A	≤1600
Rated short time withstand current (1s)		KA	50
Rated withstand current (peak)		KA	105
Dielectric strength		V/1min	2500
Rated insulation voltage		V	660
Protection degree			IP30/IP40
External dimension (W*D*H)		mm	600(800、1000)*600 (800、1000) *2200

Low Voltage Switchgear

*Model & Meaning



* General Introduction

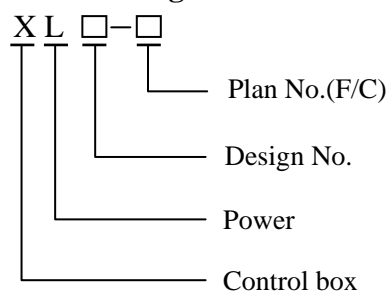
GCS LV draw out switch cabinet is suitable for the distribution power system of the power plant, petroleum, chemical, metallurgical, textile and skyscraper. It is as the distribution and motor centralized control, reactive power compensation of LV packaged distribution devices of AC three phase 50 (60) Hz, 380V, (440V), (660V) rated working voltage, 6300AA rated current or down to generating and supplying power system. The equipment applies standard Modula design with independent functional unit. the output unit can be more than 22 lines with lever feed mechanism, which ensure the reliable power supply and interchangeable of the same unit

* Technical parameters

Item		Unit	Parameters
Rated working voltage		V	AC380、AC660
Rated frequency		HZ	50/60
Rated current	Horizontal busbar	A	≤6300
	Vertical busbar	A	1000、1600
Rated short time withstand current (1s)		KA	50、80
Rated withstand current (peak)		KA	105、176
Dielectric strength		V/1min	2500
Rated insulation voltage		V	AC660、AC1000
Control motor capacity		KW	0.5~155
Protection degree			IP30/IP40
External dimension (W*D*H)		mm	600(800、1000)*600 (800、1000) *2200

Low Voltage Switchgear

*Model & Meaning



* General Introduction

XL Series LV power distribution cabinet is suitable for the power plant, industrial and mining enterprises, to distribute the power distribution in the AC 500V and below three-phase four-wire or three-phase five-wire system. XL Series LV power distribution cabinet can be only mounted against the wall in the building. The shell is made of the bending steel plate; the knife switch operation handle is on the top of the right column to transfer the power. There are various kinds of circuit breaker for the users.

* Technical parameters

Item	Unit	parameters
Rated working voltage	V	AC380、AC660
Rated frequency	HZ	50/60
Rated short time withstand current (1s)	KA	50
Rated withstand current (peak)	KA	105
Dielectric strength	V/1min	2500
Rated insulation voltage	V	660
Protection degree		IP30/IP40
External dimension (W*D*H)	mm	600(800、1000)*350 (400、 600) *1600 (1800)