



Product Catalogue

ATS/ACB/MCCB/MCB/CPS



The leading technology driven in ATS over 20 years

ODM & OEM





ABOUT US

Focus on low voltage electrical products manufacturing field

Shanghai Yuhuang Electric Co., Ltd is a high-tech enterprise that specialized in developing and manufacturing low voltage electrical components, molded case circuit breaker(MCCB),air circuit breaker,miniatute circuit breaker,automatic transfer switch(ATS),isolation switch,control and protection switch and etc.

Precision manufacturing process

Through the British Lloyd's ISO9001 system certification, all products have passed the most stringent testing requirements stipulated by GB and IEC standards, and the reliability reaches the international advanced level. With the international leading manufacturing technology, tooling and fixture and testing equipments, we adopt efficient and energy-saving production lines to ensure the precision and reliability of our products.

Start in 2004 ,
Continuous excitation and Pursuit of objectives

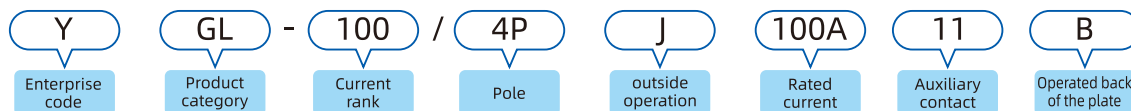


YGL-63~100

LOAD ISOLATION SWITCH



Product Type



□ Standard:GB/T 14048.3 IEC60947-3

Name	Content	Name	Content
Enterprise code	Shanghai Yuhuang Electric Co., Ltd	Operating mode	None=Operation inside the board J=Operation outside the board
Product category	Isolation switch	Rated current	63A~100A
Current rank	63,100	Auxiliary contact	11(One NO and One NC), 22(Two NO and Two NC)
Pole	3P,4P	Wiring type	None=None(front wiring),Z(Back board wiring)

□ Auxiliary contact function code

One NO and One NC	11	1NO+1NC
Two NO and Two NC	22	2NO+2NC

Note:All the function above need to be marked.

Technical parameter

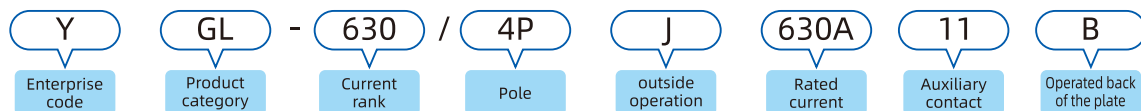
Conventional heating current I _{th} (A)	63	100
Rated insulation voltage U _i	690V	
Rated impaction withstand voltage U _{imp}	8kV	
Rated working voltage U _e	AC400V	
Rated frequency	50Hz	
Usage category	AC-22B	
Rated working current I _e (A)	63	100
Rated short-circuit connecting capacity I _{cm} (kA)	17	
Rated short-time withstand current I _{cw} (kA)	10kA/1s	
Mechanical life(time)	1700	
Electrical life(time)	300	
Operation moment(N.M)	/	

YGL-125~630

LOAD ISOLATION SWITCH



Product Type



□ Standard:GB/T 14048.3 IEC60947-3

Name	Content
Enterprise code	Shanghai Yuhuang Electric Co., Ltd
Product category	Isolation switch
Current rank	125,160,200,225,250,315,400,500,630
Pole	3P,4P

Name	Content
Operating mode	None=Operation inside the board J=Operation outside the board
Rated current	125A~630A
Auxiliary contact	11(One NO and One NC), 22(Two NO and Two NC)
Wiring type	None=None(front wiring),Z(Back board wiring)

□ Auxiliary contact function code

One NO and One NC	11	1NO+1NC
Two NO and Two NC	22	2NO+2NC

Note:All the function above need to be marked.

Technical parameter

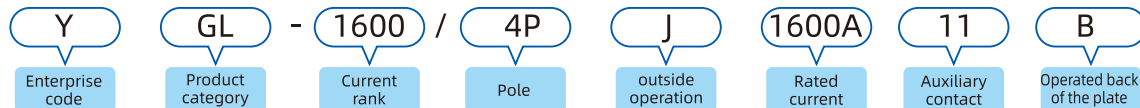
Conventionalheating currentIth(A)		125	160	200	225	250	315	400	500	630
RatedinsulationvoltageUi		800V								
Ratedimpactionwithstand voltageUimp		8kV								
RatedworkingvoltageUe		AC400V								
Ratedfrequency		50Hz								
Usagecategory		AC-22B								
Ratedworking currentIe(A)	AC400V	125	160	200	225	250	315	400	500	630
Ratedshort-circuit connectingcapacityIcm(kA)		17					40			
Ratedshort-timewithstand currentIcw(kA)		10kA/1s					20kA/1s			
Mechanicallife(time)		1400						800		
Electricallife(time)		200								
Operationmoment(N.M)		6.5	6.5	10	15					

YGL-800~1600

LOAD ISOLATION SWITCH



Product Type



□ Standard:GB/T 14048.3 IEC60947-3

Name	Content	Name	Content
Enterprise code	Shanghai Yuhuang Electric Co., Ltd	Operating mode	None=Operation inside the board J=Operation outside the board
Product category	Isolation switch	Rated current	800A~1600A
Current rank	800,1000,1250,1600	Auxiliary contact	11(One NO and One NC), 22(Two NO and Two NC)
Pole	3P,4P	Wiring type	None=None(front wiring),Z(Back board wiring)

□ Auxiliary contact function code

One NO and One NC	11	1NO+1NC
Two NO and Two NC	22	2NO+2NC

Note:All the function above need to be marked.

Technical parameter

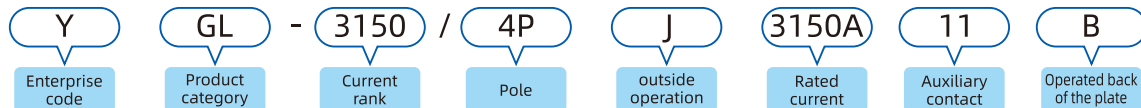
Conventional heating current Ith(A)		800	1000	1250	1600
Rated insulation voltage Ui		1000V			
Rated impaction withstand voltage Uimp		10kV			
Rated working voltage Ue		AC400V			
Rated frequency		50Hz			
Usage category		AC-21B			
Rated working current I(A)	AC400V	800	1000	1250	1600
Rated short-circuit connecting capacity Icm(kA)		105			
Rated short-time withstand current Icw(kA)		35kA/1s			
Mechanical life(time)		500			
Electrical life(time)		100			
Operation moment(N.M)		27			

YGL-2000~3150

LOAD ISOLATION SWITCH



Product Type



□ Standard:GB/T 14048.3 IEC60947-3

Name	Content	Name	Content
Enterprise code	Shanghai Yuhuang Electric Co., Ltd	Operating mode	None=Operation inside the board J=Operation outside the board,
Product category	Isolation switch	Rated current	2000~3150A
Current rank	2000,2500,3150	Auxiliary contact	11(One NO and One NC), 22(Two NO and Two NC)
Pole	3P,4P	Wiring type	None=None(front wiring),Z(Back board wiring)

□ Auxiliary contact function code

One NO and One NC	11	1NO+1NC
Two NO and Two NC	22	2NO+2NC

Note:All the function above need to be marked.

Technical parameter

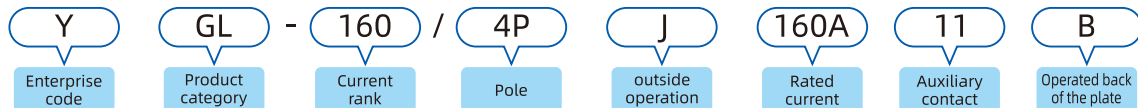
Conventionalheating currentIth(A)	2000	2500	3150
RatedinsulationvoltageUi		1000V	
Ratedimpactionwithstand voltageUimp		10kV	
RatedworkingvoltageUe		AC400V	
Ratedfrequency		50Hz	
Usagecategory		AC-21B	
Ratedworking currentIe(A)	AC400V	800	1000
Ratedshort-circuit connectingcapacityIcm(kA)		105	3150
Ratedshort-timewithstand currentIcw(kA)		35kA/1s	
Mechanicallife(time)		500	
Electricallife(time)		100	
Operationmoment(N.M)		27	

YGLZ1-125~3150

MANUAL CHANGEOVER SWITCH



Product Type



□ Standard:GB/T 14048.3 IEC60947-3

Name	Content	Name	Content
Enterprise code	Shanghai Yuhuang Electric Co., Ltd	Operating mode	None=Operation inside the board J=Operation outside the board,
Product category	Isolation switch	Rated current	125A~3150A
Current rank	125,160,200,225,250,315,400,500,630,800,1000,1250,1600,2000,2500,3150	Auxiliary contact	11(One NO and One NC), 22(Two NO and Two NC)
Pole	3P,4P	Wiring type	None=None(front wiring),Z(Back board wiring)

□ Auxiliary contact function code

One NO and One NC	11	1NO+1NC
Two NO and Two NC	22	2NO+2NC

Note:All the function above need to be marked.

Technical parameter

Conventionalheating currentIth(A)	125	160	200	225	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	
RatedinsulationvoltageUi	690V		800V								1000V						
Ratedimpactionwithstand voltageUimp	8kV									10kV							
RatedworkingvoltageUe	AC400V																
Ratedfrequency	50Hz																
Usagecategory	AC-22B									AC-21B							
Ratedworking currentI(A)	AC400V	125	160	200	225	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
Ratedshort-circuit connectingcapacityIcm(kA)	17					40					105						
Ratedshort-timewithstand currentIcw(kA)	10kA/1s					20kA/1s					35kA/1s						
Mechanicallife(time)	1400							800			500				300		
Electricallife(time)	200									100							
Operationmoment(N.M)	6.5	6.5	10	15						27				60			

YES1-NZ

DC AUTOMATIC TRANSFER SWITCH



Product Type



□ Standard: GB/T14048.11

Name	Details
Enterprise code	Shanghai Yuhuang Electric Co.,Ltd.
Product category	DC AutomaticTransfer Switch
Design code	1
Frame	63
Product code	NZ
Pole	2=2P
Rated current	16A~63A

Technical parameter

Model	YES1-63NZ
Rated current	16A、20A、25A、32A、40A、50A、63A
Rated control power	AC220V/AC110V (50Hz/60Hz)
Used class	DC-33B
Electric life	2000times
Mechanical life	10000times
Operating mode	Self-transfer self-recover (Split type: self-transfer self-recover, self-transfer but not self-recover,mutual backup)
Connection type	1 in 2 out (the power of 1 circuit connects to 2 loads, which is used in alternation.)



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