GEYA

Isolating Circuit Breaker

IEC60947-3,GB14048.3

GYH8 Isolator

Scope of application

GYH8 isolator is suitable for AC 50/60Hz, rated current up to 125A, rated voltage one pole 240V, two, three and four poles 415V power distribution and control circuit. It is mainly used as the main switch in terminal combination appliances, and can also be used for the isolation of infrequently connecting and breaking circuits and lines.

It' s widely used in infrastructure, electricity, construction, industry, data center, and other industries.

Compliant with : IEC60947-3, GB14048.3, and obtained CE, CB and Semko.



Technical Parameter

Electrical Characteristics

Poles	Rated current (In)	Rated voltage (Ue)	Rated insulation voltage (Ui)	Rated frequency	Dielectric test voltage
1P、2P 3P、4P	32、63、80 100、125A	240/415V	690V	50/60Hz	2000V/1min

Rated impulse withstand voltage (Uimp)	Rated short-time making capacity(Icm)	Rated short-time withstand current (IcW)	Use category
6kV	20Ie/1s	12Ie/1s	AC-22A

Mechanical properties

Mechanical life	Electric life		Protection class		Reference temperature for setting of thermal element	Ambient temperature	Storage temperature
	⩽below 63A	63A and above	Direct install	Installed in distribution box			
20000	2500	1500	Ip20	Ip40	30°C	-25°C+60°C	-25°C+70°C

Other characteristics

Wiring size		Contact Status Indication	Fault Indication	Circuit identification	Connection
Copper/Hard Wire	Cord/Hoop Terminals				
1-50mm²	1-35mm²	■	——	■	Top and bottom

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Leakage Circuit Breaker

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IEC61008-1,GB16916.1

GYL8 RCCB

Scope of application

GYL8 residual current circuit breaker (without overcurrent protection) is suitable for AC 50Hz, rated voltage 240V for two poles, 415V for four poles, and rated current up to 63A.It can quickly cut off the fault power in very short time,

To protect the safety of people and electrical equipment, it can also be used for infrequent switching of lines.

Compliant with : IEC61008-1, GB16916.1, CE, CB marked.



Technical Parameter

Electrical Characteristics

Classification		Protection type		Poles	Rated current (In)	Rated sensitivity (I△n)	Sensitivity		Rated voltage (Ue)
AC	A	ELE	ELM				Instantaneous	Delayed	
■	■	■	■	1P+N,3P+N	25、40、63A	10、30、100、300mA	■	■	1P+N:240V~ 3P+N:415V~

Rated insulation voltage (Ui)	Rated frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	Short-circuit current Inc=I△c	Rated residual non-operating current	Break time(Instantaneous)		
						residual current I△=1I△n	residual current I△=2I△n	residual current I△=5I△n
500V	50/60Hz	4kV	500A (below 63A) 10In(63A and above)	6kA	0.5I△n	0.1s	0.08s	0.04s

Mechanical properties

Mechanical life /Electric life	Protection class		Ambient temperature	Storage temperature
	Direct install	in distribution box		
4000	Ip20	Ip40	-25°C+40°C	-25°C+60°C

Other characteristics

Wiring size		Contact Status Indication	Fault Indication	Circuit identification
Copper/Hard Wire	Cord/Hoop Terminals			
1-35mm²	1-25mm²	——	——	——

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