

# 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				
1-50mm <sup>2</sup>	1-35mm <sup>2</sup>	■	—	■	Top and bottom