

GYM9H-Z MCB

Scope of application

GYM9H-Z DC circuit breaker is used for DC voltage up to 600V, rated current up to 63A for overload and short circuit protection, and it can also be used for infrequent operation and conversion of the line. The circuit breaker is used in DC panels, energy storage devices, etc. DC non-polar applications.

Compliant with: GB 14048.2, IEC 60947-2, IEC 60947-2 Annex P

Product Features: double busbars, transparent logo, quick closing function and independent appearance patent.



Technical Parameter

Electrical Characteristics

Poles	Rated current (In)	Rated voltage (Ue)			
		1P	2P	3P	4P
1P, 2P 3P, 4P	1~63A	48, 60, 125, 150V DC	110, 125, 250, 300V DC	450V DC	600V DC
Rated impulse withstand voltage (Uimp)	Rated breaking capacity (Icn)	Operating breaking capacity (Ics)	Trip method	Thermo-magnetic release characteristic	
				B	C
6kV	6kA	6kA	Thermal magnetic trip	5.5In±20%	8.5In±20%

Mechanical properties

Mechanical life	Electric life		Protection class		Reference temperature for setting of thermal element	Ambient temperature	Storage temperature
	240/h (≤below 32A)	120/h (>32A)	Direct install	Installed in distribution box			
20000	2500 (≤20A)	1500 (>20A)	Ip20	Ip40	30°C	-25°C+60°C	-25°C+70°C

Other characteristics

Wiring size		Contact Status Indication	Fault Indication	Circuit identification
Copper/Hard Wire	Cord/Hoop Terminals			
1-25mm ²	1-16mm ²	■	—	■