GYM9H-DC MCB

Scope of application

GYM9H-DC DC circuit breaker is used for DC voltage up to 1000V, rated current up to 63A for overload and short circuit protection, and it can also be used for infrequent operation conversion of the line.

It is suitable for DC system applications such as communication and photovoltaic systems.

Compliant with: GB 14048.2, IEC 60947-2

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	250V DC	500V DC	750V DC	1000V 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(≤below32A)	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			
1-25mm²	1-16mm²	■	——	■