



GYM9DC DC MCB

General

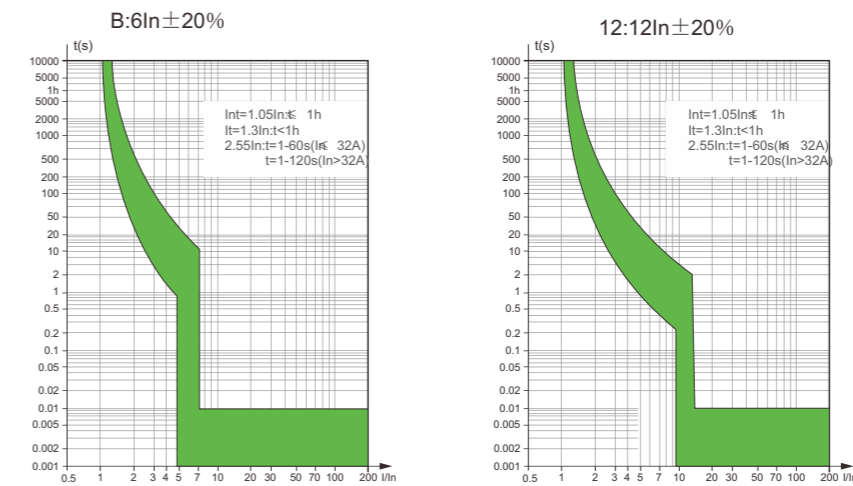
GYM9DC circuit breaker is used for DC rated voltage to 1000V, rated current to 63A line, for overload and short circuit protection, and can also be used as an infrequent operation of the line. Circuit breakers are used in DC applications such as communications and photovoltaic syst.

- In compliance with IEC6094.2

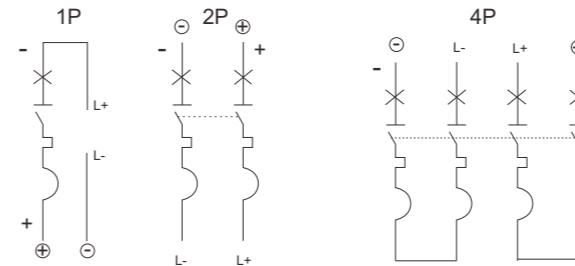
Data	
Rated current I_n	1-63A
Poles	1P 2P 3P 4P
Rated voltage U_e	1P:250V~ 2P:500V 3P:750V 4P:1000V
Insulation voltage U_i	1000V
Rated breaking capacity $I_{cs}=I_{cu}$	6000A
Rated impulse withstand voltage(1.2/50) U_{imp}	6KV
Thermo-magnetic release characteristic	B: $6I_n \pm 20\%$ C: $12I_n \pm 20\%$
Mechanical life	20000

Installation	
Contact position indicator	yes
Portection degree	IP20
Reference temperature for setting of thermal element	30
Ambient temperature (with daily average $\leq 35^\circ\text{C}$)	$-5 \sim +40^\circ\text{C}$
Storage temperature	$-25 \sim +70^\circ\text{C}$
Terminal connertion type	Cable/U-type busbar/Pin-type busbar
Terminal size top/bottom for cable	25mm^2 18-3
Tightening torque	$3.0\text{N}\cdot\text{m}$ 22
Mounting	ON DIN rail FN 60715(35mm) by means of fast clip device
Connection	Top and bottom

Tripping graph



Wiring diagram of DC ap



Overall and mounting dimensioned chart

