

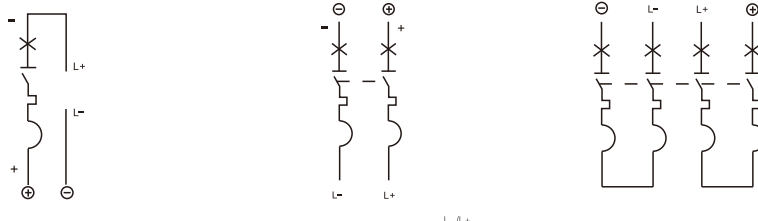
## GDDC1-125 10kA DC MCB

● GDDC1-125 circuit breaker is used for DC rated voltage to 1000V, rated current to 125A 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 system.



- In compliance with IEC/EN60947-2.
- With indicator function in the contact position.
- Maximum connecting ability of 25mm<sup>2</sup>,

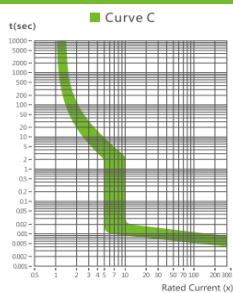
### Circuit Diagram



### The main technical parameters

Electrical Features	
Type	GDDC1-125
Rated current	63A, 80A, 100A, 125A
Pole	1P, 2P, 4P
Rated voltage Ue	1P: 250V, 2P: 500V, 4P: 1000V,
Insulation voltage Ui	1000V
Rated frequency	50/60HZ
Rated breaking capacity	6000/10000A
Rated impulse withstand voltage(1.2/50)Uimp	6kV
Dielectric test voltage at and ind.freq.for. 1min	2kV
Thermo-magnetic release characteristic	B, C, D
Electrical life	8000
Mechanical life	10000
Installation	
Contact position indicator	YES
Protection Class	IP20
Reference temperature for setting of thermal element	30°C
Ambient temperature	-5~+40°C
Storage temperature	-25~+70°C
Terminal connection type	Cable/U-type busbar/Pin-type busbar
Terminal size top/bottom for cable	25mm <sup>2</sup> 18-3
Tightening torque	2.5N · m
Mounting	On DIN rail FN60715(35mm)
Connection	Top and bottom
Combination with accessories	
Auxiliary contact	YES
Alarm contact	YES
Shunt release	YES
Under voltage release	YES

### Characteristics Curve



### Size

#### Dimensions (mm)

