



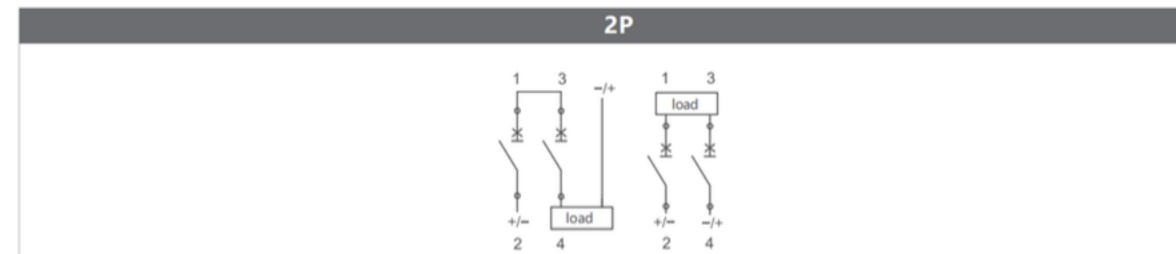
► Overview

Dc circuit breaker limited current performance, can accurately protect relay protection, automatic device from overload, short circuit and other faults. Advantages of current limiting and arc extinguishing capabilities of dc circuit breakers.

► Technical Specification

Pole		2P
Rated Working Voltage Ue		800V/1000V DC
Frame Current		63A
Rated Current In		63A, 50A, 40A, 32A, 25A, 20A,16A,10A
Rated Insulation Voltage Ui		800V/1000V
Rated Impulse Withstand Voltage Uimp		6kV
Tripping Characteristics		B/C
Tripping Type		Thermal Magnetic
Rated Ultimate Short-Circuit Breaking Capacity Icu		6kA
Rated Service Short-Circuit Interrupting Capacity Ics		6kA
Electrical Life	Actual	> 1500 Cycles
	Standard	300 Cycles
Mechanical Life	Actual	>10000 Cycles
	Standard	9700 Cycles
Overvoltage Category		III
Pollution Degree		3
Ingress Protection		IP40; Wiring port IP20
Resistance to humidity and heat		Class 2
Relative Humidity		≤ 95 %
Vibration		acc. to IEC60068-2-6
Shocks		acc. to IEC60068-2-27
Terminal capacity		2.5~35mm <sup>2</sup>
Fastening Torque of Terminals		2.0~3.5 Nm
Ambient Temperature		-30°C~70°C
Storage Temperature		-40°C~85°C
Installation Method		DIN
Elevation		≤2000m
Dimension	Width:72mm	
	High: 87.5mm	
	Depth: 81mm	
Weight		0.12kg/Pole

► Contact Configuration



► Standard time-current band

Test	Instantaneous release type	DC test current	Starting state	Tripping or non-tripping time limit	Expected results	Remarks
	B, C	1.13In	Cold state	$t \geq 1h (I_n \leq 63A)$	No tripping	/
b	B, C	1.45In	Followed by a test	$t < 1h (I_n \leq 63A)$	Tripping	The current rises steadily within 5S
c	B, C	2.55In	Cold state	$1s < t < 60s (I_n \leq 63A)$ $1s < t < 60s (I_n \leq 63A)$	Tripping	/
d	B, C	4In	Cold state	$0.1s < t < 45s (I_n \leq 32A)$	Tripping	Close the auxiliary switch to turn on the power
		7In		$0.1s < t < 15s (I_n \leq 32A)$ $0.1s < t < 30s (I_n \leq 32A)$		
e	B, C	7In	Cold state	$t < 0.1s$	Tripping	
		15In				

► Dimensions(unit:mm)

